

James Madison University

JMU Scholarly Commons

[All Bulletins](#)

[Bulletins](#)

1-1-1966

Bulletin Madison College, January, 1966

Madison College (Harrisonburg, Va.)

Follow this and additional works at: <https://commons.lib.jmu.edu/allbulletins>

Recommended Citation

Bulletin Madison College, January, 1966 , XXIV, 1, Harrisonburg, (Va.): Madison College.

This Article is brought to you for free and open access by the Bulletins at JMU Scholarly Commons. It has been accepted for inclusion in All Bulletins by an authorized administrator of JMU Scholarly Commons. For more information, please contact dc_admin@jmu.edu.

BULLETIN

MADISON COLLEGE

HARRISONBURG, VIRGINIA

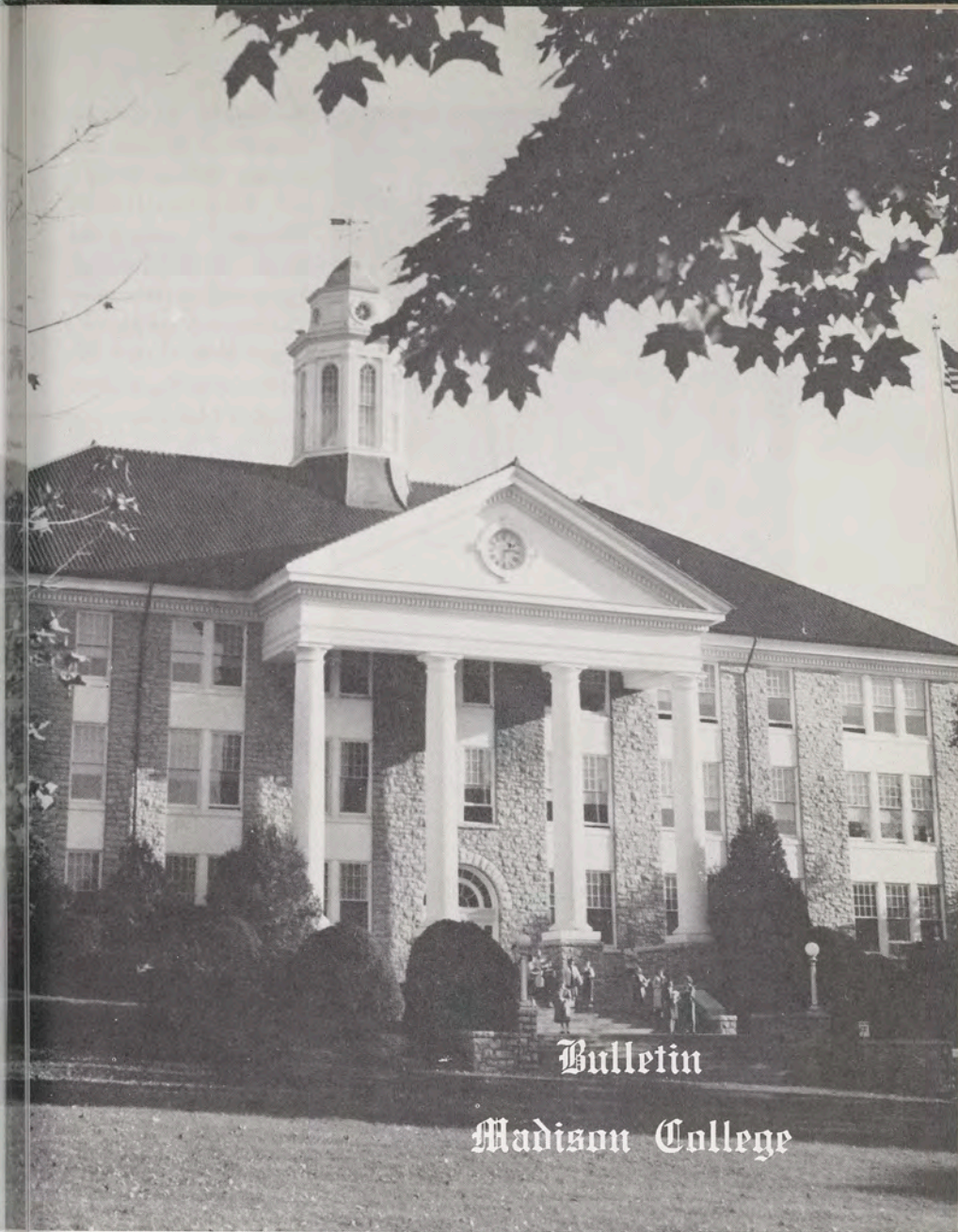
CATALOG 1964-65 • ANNOUNCEMENTS 1965-66

VOLUME XXIII • NUMBER 4 • APRIL, 1965

Bulletin Madison College—
Volume XXIII, No. 4

Catalog Issue
April, 1965

Published by Madison College, at Harrisonburg, Virginia, four times per year in the months of January, February, March and April. Entered as second class matter November 7, 1934, at the post office at Harrisonburg, Virginia, under the Act of August 24, 1912.



Bulletin

Madison College

RECORD OF

1964-65

GUIDE TO

1965-66

CATALOG NUMBER



Accredited by: Southern Association of Colleges and Schools, National Council for Accreditation of Teacher Education for Preparation of Elementary Teachers and Secondary Teachers with the Master's Degree as the Highest Degree Offered, Virginia State Board of Education.

Member of: Association of American Colleges, Association of Virginia Colleges, American Association of Colleges for Teacher Education, American Council on Education, National Commission on Accrediting, Association of State Colleges and Universities.

Corporate member of: American Association of University Women.

CONTENTS

PART ONE—Administration and Faculty	9
PART TWO—The Campus Community	29
PART THREE—Academic Information	52
PART FOUR—The Program of Studies	76
PART FIVE—Divisions, Departments, and Courses of Instruction	111
The Division of Humanities	113
Art	113
English Language, Literature, and Speech	117
Foreign Languages	125
Music	133
Philosophy	124
The Division of Natural Sciences	141
Biology	143
Chemistry	147
Geology	150
Interdepartmental Science Courses	142
Mathematics	151
Physical and Health Education	155
Physics	165
The Division of the Social Sciences	169
Business Education	169
Home Economics	175
Library Science	181
Social Science and History	184
The Division of Teacher Education	195
Education	197
Psychology	200
PART SIX—Expenses, Financial Aid, and Students	205
INDEX	230

1965

SEPTEMBER

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

OCTOBER

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

NOVEMBER

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

DECEMBER

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

1966

JANUARY

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

FEBRUARY

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

ACADEMIC

September 9—Dormitory assignment for new students: incoming freshmen and transfer students.

September 10-11—Orientation of new students: incoming freshmen and transfer students.

September 13-14—Registration of new students.
September 15—Adjustment of programs of spring registrants; completion of registration of upperclassmen (required of old students). Students who do not complete registration on this date will be fined \$5.00.

September 16—Beginning of classes: 8:00 A. M.

September 20—Last day on which changes in class schedules of new students may be made without payment of \$5.00 fee.

September 23—First semester convocation.

November 6—Classes end first eight weeks.

November 8—Classes begin second eight weeks.

November 10—Mid-semester grades for freshmen.

November 24—Thanksgiving vacation begins: 11:50 A. M.

November 29—Thanksgiving vacation ends and classes begin: 8:00 A. M.

December 17—Christmas vacation begins: 11:50 A. M.

January 3—Christmas vacation ends and classes begin: 8:00 A. M.

January 13—Classes end first semester—12:00 Noon.

January 14, 8:00 A.M.—January 22—Examination period.

January 22—First semester ends.

January 26—Second semester registration of new students and course adjustments for old students. 8:00 A.M.—12:00 Noon. Students who make class adjustments subsequent to this time will be subject to a fee of \$5.00.

January 26—Second semester classes begin: 1:00 P. M.

January 27—Second semester convocation.

CALENDAR

March 14—Founders Day.
 March 19—Classes end third eight weeks.
 March 21—Classes begin fourth eight weeks.
 March 23—Mid-semester grades for freshmen.
 March 28-April 2—Arts Festival.

MARCH

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

APRIL

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

April 7—Spring vacation begins: 11:50 A. M.
 April 18—Spring vacation ends and classes begin: 8:00 A. M.

May 6—Parents' Day.
 May 7—May Day and Homecoming.
 May 12—Honors Day.
 May 17—Classes end second semester—12:00 Noon.
 May 18, 8:00 A. M.—May 27, 12:00 Noon—Examination period.
 May 29—Baccalaureate Service: 11:00 A. M.
 May 29—Commencement: 2:15 P. M.

MAY

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

JUNE

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

June 13—Intersession begins.
 June 20—Summer Session begins.

JULY

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

July 4—Holiday.
 July 5—Six-Week Session begins.

AUGUST

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

August 12—Summer Session ends.

SEPTEMBER

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

September 8—First semester, 1966-67 Session begins.



Introduction to Madison College

Madison College is a State-aided general college of arts and sciences operated under the supervision, management, and government of the Board of Visitors.

PURPOSE

Madison College is dedicated to the preparation of students for the responsibilities of life and leadership in society. It fulfills the functions of a liberal arts institution, while continuing its major function of preparing teachers for the Virginia public schools by offering courses in the liberal arts and in specialized fields of education. The degrees which Madison is authorized to confer are: Bachelor of Arts, Bachelor of Science, Bachelor of Music Education, Master of Arts in Education, Master of Science in Education, and Master of Science.

HISTORY

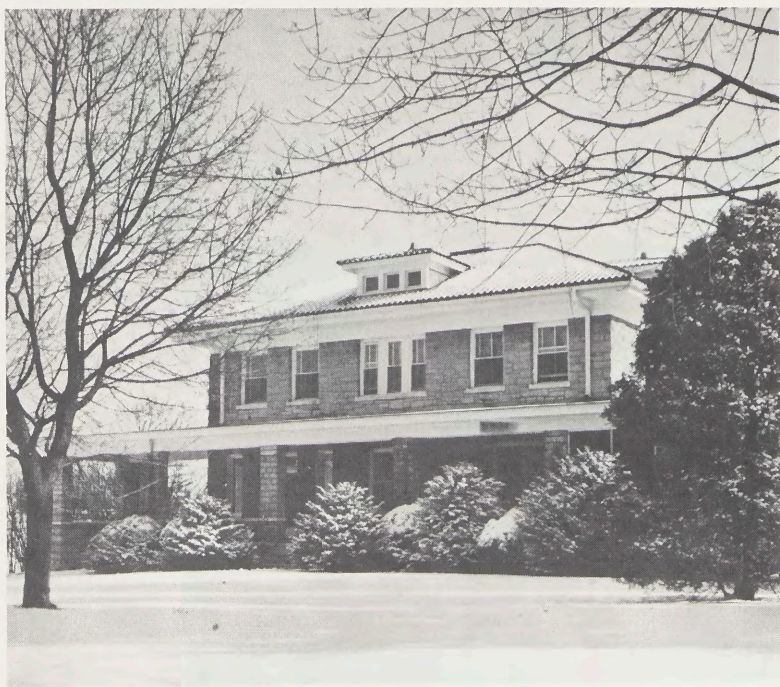
Madison College was established as the Normal and Industrial School for Women at Harrisonburg by act of the General Assembly on March 14, 1908. Julian Ashby Burruss was appointed the first president. The College opened its doors to its first student body in 1909 with an enrollment of 209 students and a faculty of fifteen. Its first twenty graduates received diplomas in 1911.

In 1914 the name of the College was officially changed to The State Normal School for Women at Harrisonburg. Authorization to award the Bachelor of Science degree was granted in 1916, and the first degrees were awarded to nine students in 1919. During this period the campus plan was established and six buildings were constructed: Maury, Harrison, "Hillcrest" (the President's home), and Jackson, Ashby, and Spotswood dormitories. By this time 4500 had attended the College.

Dr. Samuel Page Duke became the second president of the College in 1919 upon the resignation of Dr. Burruss, who became President of Virginia Polytechnic Institute.

The College became the State Teachers College at Harrisonburg in 1924 and continued under this name until 1938, when it was named Madison College in honor of the fourth president of the United States. During this period the College was authorized to confer the Bachelor of Arts and Bachelor of Science degrees in liberal arts.

In 1946 men were first enrolled as regular day students. During this period (1919-1944) nine major buildings were constructed: Alumnae, Keezell, Wilson, Varner Home Management House, Library, and Sheldon, Johnston, Converse, and Cleveland dormitories. Dr. Duke retired in 1949.



Hillcrest — Home of the President

G. Tyler Miller became the third president of the College. In 1950, the year following his inauguration, he initiated studies which resulted in major curriculum changes thereby improving the program for preparation of elementary teachers and establishing required basic general education courses in liberal arts for all students. In 1954, the College was authorized to grant Master of Arts and Master of Science in Education degrees and in 1960 was authorized to grant the Master of Science degree. In an academic reorganization in 1954, the College was organized into four divisions.

During the period from 1949 to 1964, the campus was enlarged by 240 acres and eleven buildings constructed. These were: Burruss Science Hall and additions; Anthony-Seeger Campus School; Walter Reed Infirmary; Moody Hall for home economics; Shops-Storage-Laundry Building; Logan, Gifford, Wayland, Hoffman dormitories; the sports activities building and the dining hall. The buildings are part of a ten million-dollar capital outlay plan which has been increased and projected through 1972.

Through 1964, 10,987 bachelor degrees were awarded and a total of 32,511 students attended the College with 252 of these earning their master degrees. The remainder of this total figure includes students in evening school, summer school and special students.

PART ONE

Administration and Faculty

The strength of a college is measured by the men and women who give their talents and knowledge to its service, the scholarship and guidance of the teachers, the vision and planning of the administrative officers, the development of sound policies by the governing board, the painstaking work of the employees who manage the dormitories, prepare the food, take care of the campus, work in the offices, and perform all the other duties necessary for comfortable and efficient college life.

THE BOARD OF VISITORS

THE ADVISORY COMMITTEE FOR MADISON
COLLEGE

THE OFFICERS OF ADMINISTRATION

THE FACULTY OF THE COLLEGE

THE STANDING COMMITTEES OF
FACULTY

The Visitors of Madison College

THE HONORABLE BURR P. HARRISON, *Rector*
WINCHESTER

RUSSELL M. WEAVER, *Vice-Rector*
HARRISONBURG

CHARLES C. BROUN
MARTINSVILLE

WALLACE L. CHANDLER
RICHMOND

MRS. D. KIRK HAMMOND
ROANOKE

DABNEY S. LANCASTER
MILLBORO SPRINGS

J. LEONARD MAUCK
MARION

THOMAS E. SEBRELL, III
ALEXANDRIA

MRS. EMILY N. SPONG
PORTSMOUTH

MRS. LINDEN STUART
CHARLOTTESVILLE

G. FRED SWITZER
HARRISONBURG

WOODROW W. WILKERSON
State Superintendent of Public Instruction
RICHMOND

EXECUTIVE COMMITTEE

G. FRED SWITZER, *Chairman*
MRS. LINDEN STUART
RUSSELL M. WEAVER

RECTOR, *member ex officio*

RICHARD C. MANDEVILLE, *Secretary*

Officers of Administration and Assistants

OFFICE OF THE PRESIDENT

G. TYLER MILLER, B.S., LL.D.	<i>President</i>
RICHARD C. MANDEVILLE, B. A.	<i>Assistant to the President</i>
ALICE E. LIGGETT	<i>Secretary to the President</i>
PHILLIS R. GRATTAN	<i>Assistant Secretary to the President</i>

OFFICE OF THE DEAN

PERCY H. WARREN, Ed.D.	<i>Dean</i>
HELEN S. SHARPES	<i>Secretary to the Dean</i>
SANDRA BURNETT	<i>Assistant Secretary to the Dean</i>
LETTIE BEA LAM	<i>Assistant Secretary to the Dean</i>

OFFICE OF PERSONNEL SERVICES

E. L. TOLBERT, Ed.D.	<i>Dean of Students</i>
DOROTHY S. GARBER, B.S.	<i>Dean of Women</i>
ELIZABETH G. SHAFER, M.A.	<i>Assistant Dean of Women</i>
EDNA C. RITCHIE	<i>Secretary, Division of Personnel Services</i>
DORIS JEAN RIMEL	<i>Secretary, Division of Personnel Services</i>
ANNE LINCOLN	<i>Social Hostess</i>
ESTHER D. YANCEY	<i>Social Hostess</i>

OFFICE OF THE BUSINESS MANAGER

HOWARD K. GIBBONS, LL.B.	<i>Business Manager</i>
LYMAN SEESE, B.A.	<i>Treasurer</i>
CAROLYN CLINE	<i>Secretary to the Business Manager</i>
MADELINE E. HEATWOLE	<i>Assistant Secretary to the Business Manager</i>
SHELBA CLATTERBUCK	<i>Cashier</i>
ELAINE W. REEDY	<i>Bookkeeping Machine Operator</i>
RUTH DETAMORE	<i>Accountant</i>

OFFICE OF FIELD SERVICES AND PLACEMENT

QUINCY D. GASQUE, M.S.	<i>Director of Field Services and Placement</i>
JOY M. WITTIG	<i>Secretary to the Director of Field Services and Placement</i>

OFFICE OF THE REGISTRAR

PAULINE C. LONG, B.S.	<i>Registrar</i>
JANET ARMENTROUT	<i>Secretary to the Registrar</i>
HAZEL SELLERS	<i>Assistant Secretary to the Registrar</i>
WILLIAM T. SHEPPARD, III	<i>Accounting Machine Supervisor</i>

OFFICE OF ADMISSIONS AND STUDENT AID

WILLIAM J. DELONG, M.A.	<i>Director of Admissions and Student Aid</i>
DORRIS H. McELYEA	<i>Secretary to the Director of Admissions and Student Aid</i>
NANCY K. SIGMON	<i>Assistant Secretary to the Director of Admissions and Student Aid</i>
JOYCE H. LUCK	<i>Assistant Secretary to the Director of Admissions and Student Aid</i>
MARY JANE McNEILL	<i>Assistant Secretary to the Director of Admissions and Student Aid</i>

LIBRARY SERVICE

FORREST C. PALMER, M.S. in L.S.	<i>Librarian</i>
FERNE R. HOOVER, M.A.	<i>Assistant Librarian</i>
LETA C. SHOWALTER, B.S. in L.S.	<i>Assistant Librarian</i>
ELIZABETH E. DOWNEY, B.S. in L.S.	<i>Assistant Librarian</i>
MARY KATHRYN KING, M.S. in L.S.	<i>Assistant Librarian</i>
MARGARET BIRD	<i>Secretary, Bureau of Teaching Materials</i>
ALDA S. TRENARY	<i>Secretary to the Librarian</i>
LINDA DUNKLE	<i>Secretary, Library Science Department</i>
EMILY H. LONG	<i>Library Clerk</i>
PEGGY HINKLE	<i>Library Clerk</i>
JUDITH MATHENY	<i>Library Clerk</i>
MILDRED RUBIN	<i>Library Clerk</i>
LANA BENNETT	<i>Library Clerk</i>

HEALTH SERVICE

WALTER F. GREEN III, M.D.	<i>College Physician</i>
LUCILLE MONGER, R.N.	<i>College Nurse</i>
GENOBIA RUCKMAN, R.N.	<i>College Nurse</i>
VALLIE B. CRIST, R.N.	<i>College Nurse</i>
SHARON ARMENTROUT	<i>Infirmiry Secretary</i>

FOOD SERVICE

JEAN COPPER, M.S.	<i>Food Service Manager</i>
MARY LOUISE TRIMPEY, B.S.	<i>Assistant Dietitian</i>
BERTHA D. GASSETT, B. S.	<i>Institution Dietitian</i>
GRETCHEN RUBUSH	<i>Dietary Unit Supervisor</i>
RUTH ROADCAP	<i>Manager, Tearoom</i>
JANET LONG	<i>Secretary, Dietitian's Office</i>
HELEN ROTHGEB	<i>Assistant Secretary, Dietitian's Office</i>

BUILDINGS, GROUNDS, AND LAUNDRY

FRANK N. ROBERTS	<i>Superintendent of Buildings and Grounds</i>
BESSIE M. LENOX	<i>Director of Dormitories</i>
BERDIE MOYERS	<i>Laundry Foreman</i>
ALMA GLOVER	<i>Manager, Stationery Store</i>
DANISE D. WAY	<i>Clerk, Stationery Store</i>

SECRETARIES TO DIVISIONS AND DEPARTMENTS

- THELMA BRANCH *Secretary to Director of the Division of Teacher Education*
- PATRICIA SPITZER *Secretary to Director of the Division of Humanities*
- PEGGY SHIFFLETT *Secretary to Director of the Division of Social Sciences*
- NANCY DAY *Secretary to Director of the Division of Natural Sciences*
- BETTY STRONG *Secretary to Director of Laboratory School Experiences*
- BETTY L. JOHNSON *Secretary to Director of Campus School*
- SUE BAYLOR *Secretary, Department of Music*
- BETTY E. SPITLER *Secretary, Departments of Biology and Physics*
- SHIRLEY NEWMAN *Secretary, Department of Physical and Health Education*
- BONNIE S. MOYERS *Secretary, Department of Foreign Languages*
- MARGARET A. WINE *Secretary, Reading and Child Guidance Centers*
- EVELYN JOST *Secretary, Departments of Business and Home Economics*
- CAROLYN D. FUNKHOUSER *Secretary to the Department of Art*

DORMITORY HOSTESSES

- NELL G. BAUGHER
- KATHERINE BIRD
- ANN B. CALLISON
- LUCILLE COX
- VIRGINIA DEHAVEN
- L. BELLE ETTENGER
- MARIE L. GARDNER
- ANNA LOUISE KIEFFER
- SALLY LIVICK
- KATHRYN MCNEILL
- MARY HELEN PAYNE
- CAROLYN PENDLETON
- LENORA REILLY
- PEARL O. SLEDD
- MARGARET L. WAYLAND
- MRS. MAUDE WEIFORD

DOROTHY WILKINS

SWITCHBOARD OPERATORS

- EVELYN R. JUDY
- CATHARINE J. HOLMES
- ALMA WOODSON

POST OFFICE

- CHRISTINE MOYERS *Clerk*
- MARGUERITE MILLER *Clerk*

LONDON A. SANDERS, M.S. *Secretary of the Faculty*

ADMINISTRATIVE COUNCIL—1964-65

President, *Chairman*, Dean of the College, Dean of Students,
Business Manager

The Faculty of the College

- G. TYLER MILLER *President*
B.S., Virginia Military Institute; LL.D., Bridgewater College.
- PERCY H. WARREN *Dean and Professor of Biology*
B.S., College of William and Mary; M.A., Ed.D., Columbia University.
- VIRGINIA ALIOTTI *Assistant Instructor of French*
B.A. in Ed., Madison College.
- ROSALIE N. ALLISON *Assistant Professor of Psychology*
B.S., Pennsylvania State University; M.S. in Ed., Westminster College, Pennsylvania; Ed.D., University of Georgia.
- J. EDGAR ANDERSON *Professor of Music*
Diploma in Violin, Muskingum College; B.M., M.M., Cincinnati Conservatory.
- SARA ELIZABETH ANDERSON *Associate Professor of Business Education
and Field Supervisor of Student Teaching*
B.S., M.S., Woman's College of the University of North Carolina; Ed.D. Indiana University.
- ELIZABETH FISK ATWOOD *Instructor of Art*
B.F.A., M.S. in Art Ed., Rhode Island School of Design.
- RAYMOND E. BEASLEY *Assistant Professor of Mathematics*
B.A., Phillips University; M.A., University of Michigan.
- KENNETH J. BEER, JR. *Assistant Professor of Art*
B.A., M.A., Wayne State University.
- ARVELLA P. BLAIR *Assistant Professor of Sociology*
B.S., M.A. in Ed., Madison College.
- CHARLES W. BLAIR *Assistant Professor of Education and
Field Supervisor of Student Teaching*
B.A., Bridgewater College; M.A. in Ed., Madison College.
- NORLYN L. BODKIN *Assistant Professor of Biology*
A.B., M.S., West Virginia University.
- MARY CAMPBELL BRILL *Professor of English*
A.B., Syracuse University; A.M., Ph.D., Cornell University.
- PATRICIA J. BRUCE *Associate Professor of Physical and Health Educa-
tion and Field Supervisor of Student Teaching*
A.B., Wheaton College; M.Ed., Boston University; P.E.D., Indiana University.
- LESTER S. BUCHER *Professor of Music*
B.S., State College, West Chester, Pennsylvania; M.S., University of Pennsylvania; Ed.D., Columbia University.
- GERTRUD BURAU *Assistant Professor of Music*
B.S., A.M., Columbia University.

- CHARLES G. CALDWELL *Professor of Psychology*
A.B., Roanoke College; M.A., Ph.D., University of Chicago.
- WILBERT CHAPPELL *Professor of Chemistry*
B.S., Ottawa University; A.M., Ph.D., University of Kansas.
- PAUL C. CLINE *Assistant Professor of Political Science*
A.B., LL.B., M.A., West Virginia University.
- MONA LYON COFFMAN *Assistant Professor of Business Education*
A.B., Nebraska State Teachers College, Peru; M.A., George Peabody College for Teachers.
- RAYMOND D. COOL *Professor of Chemistry*
B.S., Bridgewater College; M.S., Ph.D., University of Virginia.
- JEAN E. COPPER *Food Service Manager;*
Assistant Professor of Home Economics
B.S., Madison College; M.S., The Ohio State University.
- MARY L. CORDNER *Professor of Speech*
B.A., Hiram College; M.A., Ph.D., University of Wisconsin.
- WILLIAM D. COVELL *Assistant Professor of Psychology*
B.S., Florida Southern College; M.Ed., University of Florida.
- MARILYN CRAWFORD *Associate Professor of Physical and*
Health Education
B.S., Woman's College of the University of North Carolina; M.A., University of North Carolina; Ed.D., University of Texas.
- JAY L. CURTIS *Professor of English*
A.B., A.M., Ph.D., University of North Carolina.
- MARILYN R. CURTIS *Assistant Professor of Mathematics*
B.S., M.S. in Ed., Madison College.
- GARNEY L. DARRIN *Associate Professor of Education and*
Director of Anthony-Seegeer Campus School
B.S., M.Ed., Wayne State University; Ed.D., University of Maryland.
- FRANK LOUIS DAY *Assistant Professor of English*
B.S., Gorham State Teachers College; M.A., University of Tennessee.
- WILLIAM J. DELONG *Director of Admissions and Student Aid*
B.S., Roanoke College; M.A., University of Virginia.
- Z. S. DICKERSON, JR. *Professor of Business Education*
B.S., Eastern Kentucky State College; M.A., Ed.D., University of Kentucky.
- ²JOHN DAVID DILLER *Assistant Professor of Art*
B.F.A., University of Texas; M.F.A., Cranbrook Academy of Art.
- RAYMOND C. DINGLEDINE *Professor of History*
B.A., M.A., Ph.D., University of Virginia.
- ELIZABETH ELLEN DOWNEY *Assistant Librarian*
B.S., Madison College; B.S. in L.S., George Peabody College for Teachers.
- ANNE HARDESTY DRIVER *Associate Professor of Home Economics*
B.S. in Ed., Madison College; M.A., Columbia University.

- CAROLYN C. DRIVER *Instructor of Home Economics*
B.S. in Ed., Madison College.
- HAZEL JEANNE ELLER *Instructor of Physical and Health Education*
B.F.A., M.S.P.E., Woman's College of the University of North Carolina.
- JAMES F. FERRY *Professor of Biology*
A.B., West Virginia Wesleyan College; M.S., West Virginia University; Ph.D.,
The Ohio State University.
- ELWOOD FISHER *Assistant Professor of Biology*
B.S., Fairmont State College; M.S., Miami University.
- PATRICIA FLAUGHER *Assistant Professor of Physical and
Health Education*
B.S. in Ed., Teacher's College of University of Cincinnati; M.S. in P.E., Southern
Illinois University.
- DOROTHY H. GARBER *Dean of Women*
B.S., Madison College.
- JOSEFINA GARCIA *Professor of Physical and Health Education*
B.S., M.A., Columbia University; Ph.D., Texas Woman's University.
- QUINCY D. GASQUE *Director of Field Services and Placement*
B.S., The Citadel; M.S., University of Virginia.
- BERTHA DRIVER GASSETT *Institution Dietitian*
B.S., Madison College.
- ¹LOIS E. GEIL *Instructor of Physical and Health Education*
B.S., in Ed., Madison College.
- HOWARD K. GIBBONS *Business Manager*
LL.B., Washington and Lee University.
- HENRY M. GOFF, JR. *Assistant Professor of Education and
Director of the Reading Center*
B.A., Lynchburg College; M.Ed., University of Virginia.
- JOHN ROBERT GORDON *Assistant Professor of Physics*
B.S., in Ed., University of Virginia; M.Ed., University of North Carolina.
- MARGARET A. GORDON *Assistant Professor of Biology*
B.S. in Ed., Madison College; M.S., University of Virginia.
- ROBERT A. GRAVES *Assistant Professor of Biology*
B.S. in Ed., Madison College.
- ¹WALTER F. GREEN, III *College Physician*
B.S., Virginia Polytechnic Institute; B.S., M.D., Medical College of Virginia.
- NEYDA CAINAS GRIMAL *Instructor of Spanish*
Doctor of Pedagogy, University of Havana.
- JAMES K. GRIMM *Associate Professor of Biology*
B.S. in Ed., Concord College; M.S., Ph.D., University of Tennessee.
- FRANCES R. GROVE *Assistant Professor of Art*
B.S., Madison College; A.M., Columbia University.
- LARRY C. GRUNWALD *Assistant Professor of Mathematics*
B.S., M.S., Ohio University at Athens.

CLIVE HALLMAN, JR. *Assistant Professor of Social Science*
A.B., Berry College; M.A., Appalachian State Teachers College.

CLARENCE R. HAMRICK *Associate Professor of Education*
B.S., Hampden-Sydney College; M.S., Ph.D., University of Virginia.

WILBUR T. HARNSBERGER *Associate Professor of Geology*
B.A., M.S., University of Virginia.

WALTER HEEB, JR. *Assistant Professor of Education and
Coordinator of Educational Television*
B.S., M.A., East Tennessee State College.

GRACE E. HERR *Assistant Professor of Business Education*
B.S., Mary Washington College; M.A., New York University.

²HORTENSE HESTER *Assistant Professor of Physical and Health Education*
A.B., Judson College; M.A., University of Alabama.

GEORGE R. HICKS *Associate Professor of Music*
A.B., B.M., Albion College; A.M., Harvard University; virtuoso's diploma in organ under Marcel Dupre, Conservatoire Americain, Fontainebleau, France; "Mozarteum," Salsburg, Austria.

HAROLD RICK HITE *Assistant Professor of Spanish*
A.B., Dartmouth College; M.A., Johns Hopkins University.

KATE E. HOBSON *Instructor of Education and Field
Supervisor of Student Teaching*
B. S., Madison College

FERNE R. HOOVER *Associate Professor of Library Science*
A.B., Bridgewater College; M.A., George Peabody College for Teachers.

JANET HOPKINS *Assistant Professor of Education and
Field Supervisor of Student Teaching*
B.S. in Ed., Madison College; M.Ed., University of Virginia.

¹MARGARET F. HORN *Instructor of Physical and Health Education*
B.A., Bridgewater College.

ROBERT J. HURSEY, JR. *Instructor of Mathematics*
B. S., University of North Carolina; M. A., The College of William and Mary.

J. EMMERT IKENBERRY *Professor of Mathematics*
A.B., Bridgewater College; M.A., Ph.D., Cornell University.

¹KATHERINE IKENBERRY *Assistant Professor of English*
B.A., Bridgewater College; M.A. in Ed., Madison College.

²HELEN V. ININGER *Assistant Professor of Music*
A.B., Wilson College; M.M., Eastman School of Music; M.M., University of Michigan.

¹MARY A. JACKSON *Associate Professor of History*
B.S. in Ed., Madison College; M.S., Ph.D., University of Virginia.

MARIE M. JENKINS *Associate Professor of Biology*
B.A., Phillips University; M.S., Catholic University of America; Ph.D., University of Oklahoma.

- MILBREY L. JONES *Associate Professor of Library Science*
A.B., Georgia State College for Women; M.Ln., Emory University; Ph.D., Rutgers University.
- PAULINE G. JONES *Assistant Professor of Education and Field Supervisor of Student Teaching*
B.A., Berea College; M.A. in Ed., University of Kentucky.
- WILLIAM F. JONES *Assistant Professor of Biology*
B.A., Davis and Elkins College; M.S. in Ed., Madison College.
- MURIEL MAE KELLY *Associate Professor of Psychology*
B.S., Radford College; M.A., Columbia University; Ph.D., George Peabody College for Teachers.
- MARY KATHRYN KING *Assistant Librarian*
B.A., Eastern Mennonite College; M.S. in L.S., Drexel Institute of Technology.
- ²WILLIS BERNARD KNIGHT *Assistant Professor of Education*
B.S. in Ed., Tusculum College; M.Ed., University of Virginia.
- ALLEN LACY *Assistant Professor of Philosophy*
A.B., Ph.D., Duke University.
- RALPH V. LAHAIE *Professor of Speech*
B.S., Central Michigan College of Education; M.A., University of Florida; Ph.D., University of Denver.
- THOMAS W. LEIGH *Associate Professor of English*
B.A., Hampden-Sydney College; M.A., University of Michigan.
- WILLIAM LELAND *Assistant Professor of Music*
B.M., The Philadelphia Conservatory of Music; M.M., The College-Conservatory of Music of Cincinnati; Certificate in Piano, The Niedersaechsische of Hochschule, Hanover, Germany; Pupil of Hans Barth, Karl Engel, and Olga Canus.
- NILLY LEVIN *Instructor of Music*
B.M., M.M., Indiana University.
- ²JAMES OLIVER LINK *Assistant Professor of Speech*
A.B., Catawba College; M.A., University of Virginia.
- MARY JEANNETTE S. LOCKARD *Assistant Professor of Home Economics*
B.S.H.E., M.S.H.E.Ed., West Virginia University.
- LOUIS GLENN LOCKE *Professor of English*
A.B., Bridgewater College; M.A., George Washington University; A.M., Ph.D., Harvard University.
- JOHN WARD LONG, JR. *Assistant Professor of Physical and Health Education*
A.B., Bridgewater College; M.A., Columbia University.
- PAULINE C. LONG *Registrar*
B.S., Madison College.
- PAUL MCCORKLE *Professor of Physics*
B.A., The Ohio State University; M.S., Ph.D., Cornell University.
- DANIEL MCFARLAND *Professor of History*
A.B., University of North Carolina; M.A., Ph.D., University of Pennsylvania.

- RICHARD C. MANDEVILLE *Assistant to the President*
B.A., University of Michigan.
- CLIFFORD T. MARSHALL *Associate Professor of Music*
B.M., Eastman School of Music; M.M., Sherwood School of Music.
- WILLIAM L. MENGENBIER *Professor of Biology*
B.S., The Citadel; M.S., Oberlin College; Ph.D., University of Tennessee.
- ²HARRY KENT MOORE *Assistant Professor of Physical Science*
B.S., Manchester College; Ed.M., Harvard University.
- LEOTUS MORRISON *Associate Professor of Physical and Health Education*
B.S. in Ed., Georgia State College for Women; M.A., George Peabody College for Teachers; P.E.D., Indiana University.
- MARY O. MURPHY *Associate Professor of Education and Field Supervisor of Student Teaching*
B.A., Newberry College; M.Ed., Ed.D., University of Georgia.
- JANE W. MYERS *Assistant Instructor of Physical and Health Education*
B.S., in Ed., Madison College.
- ²ELIZABETH B. NEATROUR *Assistant Professor of French*
B.A., Mary Washington College; M.A. in Ed., Madison College; recipient of Certificat D'Etudes Francaises from L'Universite de Paris.
- NANCY K. O'HARE *Assistant Professor of Speech*
B.A., Seton Hall College, M.Ed., University of Pittsburgh.
- FORREST C. PALMER *Librarian; Professor of Library Science*
B.A., Valparaiso University; B.S. in L.S., M.S. in L.S., George Peabody College for Teachers.
- BENJAMIN W. PARTLOW *Associate Professor of Chemistry*
B.S., Washington and Lee University; M.S., George Washington University.
- MILTON PERLMAN *Assistant Professor of French and Latin*
B.A., St. Johns College; M.A. in Teaching, University of Virginia; Diplome de Haute Etudes, University of Grenoble.
- ²BEVERLY ANNE PLEASANTS *Assistant Professor of Biology*
B.S. in Ed., Madison College; M.S., Louisiana State University.
- RAYMOND J. POINDEXTER *Professor of Education*
A.B., Randolph-Macon College; M.A., University of Virginia; Ph.D., The Ohio State University.
- ²GEORGE W. POLITES *Assistant Professor of Mathematics*
B.S., Western Michigan College; M.S., The Florida State University.
- MARGARETE WOELFEL RAUCH *Professor of French and German*
B.A., M.A., Ph.D., University of Leipzig, Germany.
- L. OWENS REA *Professor of Economics*
A.B., Ph.D., The Johns Hopkins University.
- ¹FRANCIS B. RHEIN *Associate Professor of Biblical Literature*
B.S., University of Virginia; B.D., Virginia Theological Seminary.
- DOROTHY ROWE *Professor of Home Economics*
B.S., Madison College; M.S., Ph.D., The Ohio State University.

- RUTH S. RUCKER *Assistant Professor of Business Education*
B.S., M.A., University of Missouri.
- LONDON A. SANDERS *Professor of Business Education*
B.S., M.S., University of Tennessee; M.Ed., University of Pittsburgh.
- ANTHONY SAS *Associate Professor of Geography*
B.A., University of Amsterdam, The Netherlands; M.A., University of Washington; Ph.D., Clark University.
- BESSIE R. SAWHILL *Associate Professor of English*
A.B., Oliver College; A.M., University of Wisconsin; Ph.D., The Johns Hopkins University.
- MARGARET JEAN SCHMIDT *Assistant Professor of Mathematics*
B.S. in Ed., The Ohio State University; M.S., Florida State University.
- EDYTHE SCHNEIDER *Associate Professor of Music*
B.M., Chicago Conservatory; Pupil of Frank LaForge and Coenraad Bos, New York; student, Juilliard School of Music.
- WARREN SCHUETZ *Associate Professor of Music*
B.S. in M.Ed., M.M.E., Ed.D., University of Illinois.
- ELIZABETH G. SHAFER *Assistant Dean of Women and
Assistant Professor of English*
B.A., M.S., Florida State University.
- LETA C. SHOWALTER *Assistant Librarian*
A.B., Bridgewater College; B.S. in L.S., Columbia University.
- FRANK M. SIDORFSKY *Assistant Professor of Music*
B.M.Ed., Kansas State Teachers College; M.M., Eastman School of Music.
- MARTHA D. SIEG *Assistant Professor of Home Economics and
Field Supervisor of Student Teaching*
B.A., Wittenberg College; M.S., University of Tennessee.
- CAROLINE SINCLAIR *Professor of Physical and Health Education*
B.S., College of William and Mary; Ph.D., New York University.
- ETHEL SMEAK *Assistant Professor of English*
A.B., Mary Baldwin College; M.A., Ph.D., Vanderbilt University.
- ELMER L. SMITH *Professor of Sociology*
B.S., Florida Southern College; M.A., Western Reserve University; D.S.Sc., Syracuse University.
- MIFTAR SPAHIJA *Associate Professor of Latin*
Ph.D., University of Turin.
- JOYCE STEED *Assistant Professor of English*
B.A., Westhampton College; A.M., Radcliffe College.
- JOHN G. STEWART *Assistant Professor of Foreign Languages and
Education*
B.A., College of the Pacific; M.A., Columbia University.
- KYLE STIRLING *Instructor of Journalism*
A.B., High Point College.

- MARY P. STROUGH *Assistant Professor of Health Education*
B.S., Richmond Professional Institute, College of William and Mary; R.N.,
Stuart Circle School of Nursing.
- HELEN FAGSTAD SWINK *Assistant Professor of English*
B.S., West Virginia University; M.A. in Ed., Madison College.
- TIMOTHY N. TAYLOR *Instructor of Mathematics*
B.S., M.S., North Carolina State College.
- RUTH L. TERGESON *Instructor of Physical and
Health Education*
B.S., Boston University Sargent College; M.Ed. in P.E., University of North
Carolina's Woman's College.
- CRYSTAL THEODORE *Professor of Art*
A.B., Winthrop College; A.M., Ed.D., Columbia University.
- JAMES L. THOMAS, JR. *Assistant Professor of Art*
B.A., George Washington University; M.F.A., Cornell University.
- E. L. TOLBERT *Professor of Guidance; Dean of Students*
B.S., University of Virginia; M.A., The Ohio State University; Ed.D., Columbia
University.
- JOSEPH TOMS, JR. *Assistant Professor of Education and
Field Supervisor of Student Teaching*
B.S. in Ed., M.S. in Ed., Southern Illinois University.
- MARY LOUISE TRIMPEY *Assistant Dietitian*
B.S., West Virginia University.
- WILLIAM O. WALSH *Assistant Professor of Business Education*
B.S., Southwest Missouri State College; M.S., Kansas State Teachers College.
- LOWELL M. WATKINS *Assistant Professor of Music*
B.S., State College, West Chester, Pennsylvania; M.A., Columbia University.
- MARIANNE V. WEBB *Assistant Professor of Music*
B.Mus., Washburn University; M.Mus., University of Michigan.
- JOHN C. WELLS *Professor of Physics*
A.B., Colgate University; A.M., Ed.D., Columbia University.
- HERBERT B. WHITMER, JR. *Assistant Professor of Social Science*
B.A., Bridgewater College; M.S. in Social Work, Richmond Professional Insti-
tute.
- ²HOWARD WILHELM *Assistant Professor of Economics and Geography*
B.A., University of Virginia; M.A. in Ed., Madison College.
- RUTH JONES WILKINS *Associate Professor of English*
A.B., M.Ed., College of William and Mary; M.A., University of Richmond.
- BAXTER DOUGLAS WILSON *Associate Professor of English*
B.A., The Citadel; M.A., Ph.D., University of Virginia.

COLUMBIA WINN *Associate Professor of Psychology*
A.B., University of Colorado; M.A., University of Chicago.

JOHN E. WOOD *Assistant Professor of History*
B.A., University of Virginia; M.A., Tulane University.

BILLY JON WOODS *Assistant Professor of Music*
B.M., Southwestern at Memphis; M.S. in Music, Juilliard School of Music.

CHARLES W. ZIEGENFUS *Assistant Professor of Mathematics*
B.S., Moravian College; M.S., University of Kansas.

¹On Part Time Basis.

²On Leave-of-absence, 1964-65.



LABORATORY SCHOOL EXPERIENCES STAFF²

MR. RAYMOND J. POINDEXTER

Director

²Through contractual agreements with the School Boards of the City of Harrisonburg and the County of Rockingham, arrangements have been made for student teaching which are mutually beneficial to the College and these public school systems. The personnel employed for this work are given faculty status by the College, with full participation in faculty meetings and other faculty activities.

The Superintendents of Schools of the City of Harrisonburg and of Rockingham County are local coordinators of student teaching in their respective school systems.

In addition to the supervisory personnel employed in the local school divisions, the College selects cooperating teachers in several school divisions in the northern part of the State to whom student teachers are assigned for off-campus student teaching.

All laboratory school experiences, including student teaching, are under the direction of the Director of Laboratory School Experiences.

COORDINATORS OF STUDENT TEACHING

Harrisonburg—MR. RAY V. SONNER, *Superintendent*Rockingham County—MR. WILBUR S. PENCE, *Superintendent*

FIELD SUPERVISORS

For Elementary Education

MR. CHARLES W. BLAIR, *Assistant Professor*MISS JANET HOPKINS, *Assistant Professor*

For Secondary Academic

MRS. MARY O. MURPHY, *Associate Professor*MR. JOSEPH TOMS, JR., *Assistant Professor*

For Business Education

MISS SARA ANDERSON, *Assistant Professor*

For Home Economics Education

MISS MARTHA SIEG, *Assistant Professor*

For Music

MR. WARREN SCHUETZ, *Associate Professor*

For Physical and Health Education

MISS PATRICIA J. BRUCE, *Associate Professor*



ANTHONY-SEEGER CAMPUS SCHOOL

GARNEY L. DARRIN, *Director*

B.S., M.Ed., Wayne State University; Ed.D., University of Maryland

- EMILY V. BUSHONG *Assistant Professor, Supervisor of Seventh Grade*
 B.S. in Ed., Madison College; M.Ed., University of Virginia.
- RUTH COOPER *Assistant Professor, Supervisor of Second Grade*
 B.S., Radford College; M.A., George Peabody College for Teachers.
- BETTY COYLE *Instructor, Supervisor of Sixth Grade*
 B.S., Madison College.
- MILDRED DICKERSON *Assistant Professor, Supervisor of Nursery School*
 B.S., Eastern Kentucky State College; M.S., University of Kentucky.
- JACQUELINE D. DRIVER *Assistant Professor, Supervisor of Fourth Grade*
 B.S., M.A. in Ed., Madison College.
- ZULA H. MASON *Assistant Professor of Library Science, Librarian*
 B.A., Blue Mountain College; M.A. in L.S., Appalachian State Teachers College.
- LYDIA PURSER MEEKS *Assistant Professor, Supervisor of Fifth Grade*
 A.B., East Carolina Teachers College; A.M., Columbia University.
- ANGELA S. REEKE *Assistant Professor, Supervisor of Third Grade*
 B.S., Paterson State College; M.Ed., University of Virginia.
- EVELYN WATKINS *Assistant Professor, Supervisor of First Grade*
 A.B., Mississippi State College for Women; A.M., Columbia University.
- ELSIE WIGLEY *Assistant Professor, Supervisor of Kindergarten*
 B.S., Ithaca College; A.M., Columbia University.

HARRISONBURG HIGH SCHOOL

- GRACE E. HERR *Assistant Professor, Supervisor of Business Education*
 B.S., Mary Washington College; M.A., New York University.
- KATHARINE SIEG *Assistant Professor, Supervisor of High School*
 B.A., Lenoir-Rhyne College; M.A., University of Virginia.

Faculty and Student-Faculty Committees, 1964-65

ADMINISTRATIVE COUNCIL

President of the College, *Chairman*, Dean of the College, Business Manager, Dean of Students.

GRADUATE COUNCIL

Dean of the College, *Chairman and Executive Officer*, Directors of the Four Divisions, MR. BUCHER, MR. MENGENBIER, MR. POINDEXTER.

FACULTY COUNCIL

President of the College, *Chairman*, Dean of the College, Directors of the Four Divisions, MR. CHAPPELL, MRS. RAUCH, MR. CLINE, MRS. A. DRIVER, MR. LEIGH, MR. STEWART, MISS WINN, MISS GROVE.

CURRICULUM AND INSTRUCTION

Dean of the College, *Chairman*, Registrar, *Secretary*, Director of Field Services and Placement, Director of Laboratory School Experiences, Dean of Students, Directors of the Four Divisions, Heads of the Departments, Director of the Campus School.

CURRICULUM ADVISERS

Dean of Students, *Group Chairman*.

- I MISS WINN, *Chairman*. MR. CURTIS, MISS GROVE, MRS. JACKSON, MISS JENKINS, MISS JONES, MISS KELLY, MR. LAHAIE, MR. LONG, MR. WELLS, MR. ZIEGENFUS.
- II MR. STEWART, *Chairman*. MR. FISHER, MR. HITE, MR. LEIGH, MR. REA, MRS. SCHMIDT, MISS SMEAK, MRS. WILKINS, MR. WOOD.
- III MR. DINGLEDINE, *Chairman*. MR. BEASLEY, MRS. BLAIR, MR. GRUNWALD, MISS MORRISON, MR. PALMER, MR. JONES, MR. SAS, MISS THEODORE.
- IV, IX, X MISS ROWE, *Chairman*. MRS. A. DRIVER, MISS C. DRIVER, MRS. LOCKARD, MISS M. SIEG.
- V, XI MR. DICKERSON, *Chairman*. MRS. COFFMAN, MISS RUCKER, MR. SANDERS, MR. WALSH.
- VI MR. BUCHER, *Chairman*. MR. ANDERSON, MISS BURAU.
- VII MRS. RAUCH, *Chairman*. MISS BRILL, MR. MCFARLAND, MR. BEER.
- VIII MR. IKENBERRY, *Chairman*. MR. CHAPPELL, MR. FERRY, MR. GRIMM, MR. MENGENBIER, MR. HARNSBERGER, MR. HURSEY, MR. WHITMER.

(Note: MR. CALDWELL, MR. LOCKE, MR. SMITH, MR. IKENBERRY—advisers for majors in their departments.)

ADMISSIONS AND STUDENT AID

Dean of the College, *Chairman*, Director of Admissions and Student Aid, *Secretary*, Dean of Students, Registrar, MR. ELMER SMITH, MR. LOCKE.

ALUMNI RELATIONS

Dean GARBER, *Chairman*, Secretary of the Alumni Association, MISS ANDERSON, MISS CURTIS, MR. DELONG, MISS C. DRIVER, MISS DOWNEY, MISS ELLER, MRS. HOBSON, MR. GASQUE, MR. GRAVES, MISS HOPKINS, MRS. JACKSON, MISS M. SIEG, MRS. ALIOTTI, MR. BLAIR.

ARTS FESTIVAL

MR. LOCKE, *Chairman*, MR. BUCHER, MR. BEER, MISS GARCIA, MR. LACY, MR. LELAND, MR. LEIGH, MR. HITE, MISS THEODORE, MRS. WILKINS.

ASSEMBLIES, PUBLIC EXERCISES, AND ENTERTAINMENTS

MR. ANDERSON and MRS. CORDNER, *Co-Chairmen*, Business Manager, MR. LAHAIE, MR. MARSHALL, MR. PARTLOW, MRS. SHAFER, the Vice-Presidents of the Women's and the Men's Student Government Associations, and a representative of each of the four classes.

ATTENDANCE

Dean of Women, *Chairman*, Dean of Students, Dean of the College.

BASIC STUDIES

MR. LOCKE, *Chairman*, MR. CLINE, MR. DARRIN, MR. DINGLEDINE, MR. HITE, MR. LACY, MR. LELAND, MRS. SCHMIDT, MISS THEODORE, MR. WELLS.

CATALOG COMMITTEE

Dean WARREN, *Chairman*, MRS. LONG, MISS SMEAK, MISS STEED, Assistant to the President.

EDUCATIONAL TELEVISION

MR. HEEB, *Chairman*, MR. BUCHER, MR. CALDWELL, MR. DARRIN, MR. GASQUE, MR. LAHAIE, MR. MARSHALL, MR. MENGEBIER, MISS THEODORE, MR. WELLS, Assistant to the President.

FIELD SERVICES

MR. POINDEXTER, *Chairman*, MR. GASQUE, *Secretary*, MR. BEASLEY, MRS. BLAIR, MR. CURTIS, MR. DICKERSON, MR. GRAVES, MISS GROVE, MRS. RAUCH, MISS ROWE, MR. SCHUETZ, MISS SINCLAIR, MISS WATKINS.

HEALTH AND SAFETY COUNCIL

MISS CRAWFORD, *Chairman*, Dean of Students, Business Manager, College Physician, MISS COPPER, MR. DARRIN, MR. FERRY, MR. GRIMM, MISS JENKINS, MISS KELLY, MRS. LIVICK, MR. LONG, MISS SINCLAIR, MRS. STROUGH.

INSTITUTE ON PUBLIC EDUCATION

MR. CALDWELL, *Chairman*, MRS. GARBER, MR. BEER, MISS COPPER, MR. GASQUE, MR. DARRIN, MR. POINDEXTER, MRS. REEKE, MR. SANDERS, MR. WELLS, and a representative from the Music Department.

JUDICIARY COMMITTEE

President of the College, *Chairman* (without vote), the Administrative Council, Dean of Women, Assistant Dean of Women, Secretary of the Faculty, a faculty adviser for Student Government (MR. CALDWELL), a faculty adviser for the Honor Council (MR. DINGLEDINE).

LIBRARY

MR. PALMER, *Chairman*, MISS BRILL, MISS BURAU, MR. CURTIS, MR. FERRY, MR. GOFF, MRS. MASON, MISS HOOVER, MRS. JACKSON, MRS. MURPHY.

RESEARCH AND OTHER STUDIES

MR. WILSON, *Chairman*, MR. MENGENBIER, MISS BRILL, MR. CURTIS, MISS M. JONES, MRS. MURPHY, MR. DARRIN, MR. REA, MISS ROWE, MR. SAS, MISS M. SIEG, MR. PERLMAN, MR. ZIEGENFUS.

STUDENT-FACULTY RELATIONS

MR. CLINE, *Chairman*, Dean of Students, Assistant Dean of Women, Secretary of the Faculty, MRS. COFFMAN, MR. HARNSBERGER, MR. JONES, MRS. LOCKARD, MISS MORRISON, MRS. SCHMIDT, MRS. WILKINS, two Student Representatives from each class; Presidents, Women's and Men's Student Government Associations; Chairman, Standards Committee; Editor, Student Handbook, *ex officio*, non-voting member.

STUDENT PERSONNEL

MR. STEWART, *Chairman*, Dean of Students, Assistant Dean of Women, MRS. BLAIR, MISS CRAWFORD, MR. FISHER, MISS ROWE, three Hostesses (to be appointed by Dean of Women), 1 elected representative from each of the four classes and the Men's Student Government Organization.

VISITING SCHOLARS

MR. LOCKE, *Chairman*, MR. IKENBERRY, MR. CHAPPELL, MR. KELLY, MRS. CORDNER, MR. LACY, MISS ROWE, MISS SCHNEIDER, MR. STEWART, MRS. WILKINS, MR. WOOD.

MADISON REPRESENTATIVES FOR UNIVERSITY CENTER

Board of Directors—PRESIDENT G. TYLER MILLER.

Council—DEAN PERCY H. WARREN.

Projects Committee—MR. ELMER L. SMITH, Director of the Division of Social Sciences; Head of the Department of Social Science and History; Professor of Sociology.

Research Council—MR. BAXTER D. WILSON, Associate Professor of English.

Visiting Scholars Committee—MR. LOUIS G. LOCKE, Director of the Division of Humanities; Head of the Department of English, Speech and Literature; Professor of English.

Visiting Scientists Committee—MR. J. EMMERT IKENBERRY, Director of the Division of the Natural Sciences; Head of the Department of Mathematics; Professor of Mathematics.

Musical Program Committee—MR. LESTER S. BUCHER, Head of the Department of Music; Professor of Music.

Film Library Consultant—MISS FERNE R. HOOVER, Assistant Librarian; Associate Professor of Library Science.

Library Affairs—MR. FORREST C. PALMER, Librarian; Head of the Department of Library Science; Professor of Library Science.

Public Relations—MR. QUINCY D. GASQUE, Director of Field Services and Placement.

Institutional Events—MR. CHARLES G. CALDWELL, Director of the Division of Teacher Education; Head of the Department of Education and Psychology; Professor of Education.

Eastern Studies Committee—MR. JOHN E. WOOD, Assistant Professor of History.

PART TWO

The Campus Community

A College is not only a spirit, an ideal, a collection of books and equipment and students and teachers; it is also a tangible thing in a fixed place.

THE ORGANIZATION OF MADISON COLLEGE

STUDENT GUIDANCE

FRESHMAN ORIENTATION WEEK

THE COURSE OFFERINGS OF THE COLLEGE

AIDS TO STUDENT DEVELOPMENT

THE COLLEGE YEAR

THE PLACEMENT OF GRADUATES

THE ALUMNI ASSOCIATION

THE LOCATION OF THE COLLEGE

THE CAMPUS AND THE BUILDINGS

STUDENT GOVERNMENT

CAMPUS LIFE

The Organization of Madison College

The general responsibility for the administration of the College has been assigned to the President who is appointed by the Board of Visitors. The Board has an Executive Committee which consists of three Visitors and the Rector as an ex officio member. It may exercise the power and transact the business of the Board of Visitors in recess, except for election of officers, removal or changes of members of teaching staff, and final actions on questions affecting major changes in the policy of the College.

To assist the President in the administration of the College, the Board has established the offices of Dean of the College, Dean of Students, Director of Admissions and Student Aid, Business Manager, Director of Field Services and Placement and Assistant to the President as major administrative positions. Appointments to these positions, other administrative offices, and to the faculty and staff of the College are made by the Board upon the recommendation of the President.

Within the framework of legal enactments and regulations and policies established by the Board of Visitors, the instructional program of the College is determined by the faculty, with the President of the College, as faculty chairman, and a secretary elected from its own body.

The faculty of the College is now grouped in four divisions: Teacher Education, Humanities, Natural Sciences, and Social Sciences. The various departments of the College are included in the divisions which represent their contribution. The directors of the divisions, the department heads, and the individual faculty members are directly responsible to the Dean of the College in all matters pertaining to instruction.

The divisional organization is as follows:

1. The Division of Teacher Education, which includes the Department of Education and Psychology, the supervisors responsible for laboratory experiences for teachers, and a representative from each department that offers a major or minor or an area of concentration for students in the teaching curricula.
2. The Division of the Humanities, which includes the Departments of Art; English Language, Literature, Speech, General Philosophy; Foreign Languages; and Music.
3. The Division of the Natural Sciences, which includes the Departments of Biology, Chemistry, Geology, Mathematics, Physics, and Physical and Health Education.
4. The Division of the Social Sciences, which includes the Departments of Business and Business Education, History and Social Science, Library Science, and Home Economics.

Student Guidance

Guidance to students at Madison College is a continuing action. This action begins with prospective students talking to field representatives about the College's curricula, dormitory living, scholarships and costs and other aspects of the institution.

During the first two years a faculty member serves as adviser to the individual student. This counseling is particularly intensive during the first semester at the College. After this time, if the student shows an ability for self-direction, the conferences between adviser and student are made voluntary.

When the student selects a major after the first two years, a faculty member of that particular department will assume the responsibility for advising.

In an interlocking advisory system, the Dean of Students is available for counseling conferences during which data from various tests, the student's abilities, interests and aptitudes along with vocational opportunities and trends are discussed to clarify the individual's thinking about certain problems. The Dean of the College and other administrative members are also available for counseling. A battery of tests may be given when needed.

Even after graduation, a field representative will contact those graduates with teaching degrees to advise and help them in their profession.

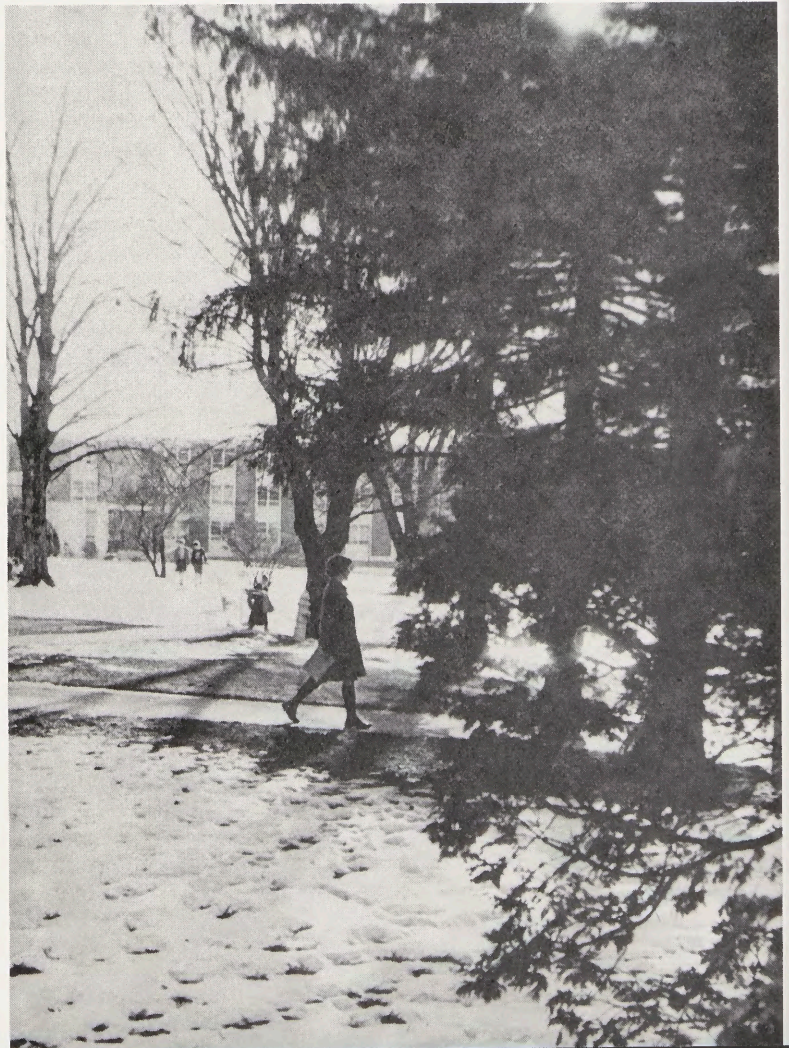
Freshman Orientation Week

All freshmen and transfer students are required to report prior to the beginning of classes for a week of orientation activities. By registering freshmen and transfer students before upper-class students, the faculty can give undivided attention to the problems of new students.

Some of the activities planned for Orientation Week follow:

1. General achievement testing to supply advisers with information about students, so that they can give greater assistance in individual conferences with students
2. Tests for students who wish to be exempt from General Education courses
3. Business placement testing for students who have taken shorthand and typing in high school and who plan to register in business curricula

4. Physical education testing for fitness. Conferences with the college physician by those students with health problems
5. Individual counseling by advisers
6. Interviews with the Dean of Students for students who have not definitely decided upon their curricula
7. Informal instruction concerning Student Government and the Honor System
8. Indoctrination in the traditions of Madison College
9. Reception at "Hillcrest," the President's home
10. Entertainment by student activities groups



The Course Offerings of the College

EDUCATION FOR TEACHING

Elementary Teaching: a course of study leading to the B.S. degree and the Collegiate Professional Certificate. This program covers the entire field of elementary education and will prepare the student to teach in grades 1-7.

Secondary Teaching: courses of study leading to the B.S. and A.B. degrees and the Collegiate Professional Certificate. Students following either of these courses take work in a major and a minor field of concentration, in addition to their general and professional education.

Business Education Teaching: a course of study leading to the B.S. degree and the Collegiate Professional Certificate which prepares students to teach any business subject offered in high schools.

Home Economics Teaching: a course of study leading to the B.S. degree and the Collegiate Professional Certificate, which prepares students to teach home economics in the public schools.

Music Teaching: a course of study leading to the Bachelor of Music Education degree and the Collegiate Professional Certificate which prepares students to teach music at all levels of the public schools.

Physical Education: a program leading to the B.S. degree and the Collegiate Professional Certificate, which prepares students to teach physical education in the public schools.

Library Science: preparation for full-time librarianship in both elementary and secondary schools or for service as a teacher-librarian is offered by the department of library science.

LIBERAL ARTS EDUCATION

Madison offers two courses of study in the liberal arts: one leading to the A.B. degree, and one leading to the B.S. degree. Students working for either of these degrees do intensive concentration in a major field.

INSTITUTION MANAGEMENT

The College offers a course of study leading to the B.S. degree in Institution Management (Dietetics).

GENERAL HOME ECONOMICS

This course of study leads to the B.S. degree in general home economics and is an all-round, practical course for women which also prepares for the commercial field.

BUSINESS EDUCATION

The general business course leads to the Bachelor of Science degree and is of great practical value to men and women preparing for any commercial or industrial field.

MUSIC

This course of study in music leads to the degree of Bachelor of Music Education and prepares students to teach music in both elementary and secondary schools.

PRE-PROFESSIONAL EDUCATION

The College will plan courses to meet the individual needs of students who are interested in pre-professional training for medicine, law, nursing, and medical technology. Pre-professional education is also available for students who wish to prepare themselves to become personnel managers, social workers, psychiatric aides, and to work in health-related fields. The student's particular talents as well as the specific requirements of the professional school which he plans to attend are carefully considered in arranging his pre-professional program at Madison.

THE ACCELERATED PROGRAM

The Degree in Three Plan, by which students may complete a four-year curriculum in three years by taking courses in Summer Sessions and Winter Sessions, is being emphasized at Madison College because of the pressure of increased numbers of students and the desire of many to accomplish their formal education in a shorter time. This accelerated program is new in its emphasis, but not inception, because the College initiated the all-year program in 1929—the first Virginia college to do so.

GRADUATE PROGRAM

Madison College has been authorized by the Board of Visitors to grant the degrees of Master of Arts in Education, Master of Science in Education, and the Master of Science. For a more detailed statement see pages 67-72.

ELECTIVES

Because Madison considers general education to be as important as professional and specialized education, the College encourages its students to choose as electives a substantial number of courses which have general educational value. Practically all of the courses listed on pages 113-203 are available as electives.

Aids to Student Development

Of genuine importance to a college—and hence to its students—are the many special opportunities which are concentrated on the campus. Madison believes that what the student learns in the classrooms is only a part of what he can learn while he is in college. Over the years the College has developed a number of supplementary services which play an important role in personal and professional development.

The Assembly is a Thursday meeting which students are required to attend. For these assemblies people of outstanding talent in music, drama, and literature, as well as prominent speakers who talk to students and faculty members on current affairs and other important subjects, are frequently brought to the campus.

The Lyceum Series includes outstanding musical and theatrical artists.

Student and Faculty Exhibitions and Recitals periodically present the work of Madison artists in music and the arts.

The Speech and Hearing Clinic, directed by a specialist in speech correction, serves students who need help with functional speech defects; students preparing to teach speech; and children and adults of Harrisonburg and vicinity who need help with functional speech problems.

The Reading Center works closely with children and teachers in the Anthony-Seeger Campus School and in the public schools located within the area, in analyzing reading difficulties and helping pupils to improve their reading abilities. In addition this Center affords opportunities for teachers in training to observe and participate in the diagnoses and improvement of children's reading disabilities. The Center also works in an advisory capacity with a limited number of college students referred by the Office of the Dean of Students.

The Child Guidance Center serves children and adolescents enrolled in the Campus School and in the public schools in Harrisonburg and its environs. The Center provides students in teacher-preparatory curricula opportunities to observe the analyses of personality disorders and to acquire experience in testing procedures. Because of limited personnel the major function of the Center at the present time is diagnostic rather than therapeutic.

The Medical Service is essential for the physical and mental welfare of our students. The College Physician and the nurses are particularly interested in the obvious relationship between good health and effective learning.

A Body Mechanics Clinic directed by the Department of Physical Education is available to students who are in need of help in the correction of functional remediable defects of posture and carriage.

The Co-Curricular Organizations, discussed more fully on pages 45-48, include a number of student clubs attached to some of the departments of instruction which offer concrete opportunities for interesting work in the different fields of knowledge.

The College Year

The College is open for work throughout the entire year except between sessions, about two weeks in June, and approximately four weeks in the late Summer.

THE REGULAR SESSION

The regular session of the College consists of two semesters: the *Fall semester*, which begins in the middle of September; and the *Spring semester*, which begins usually at the end of January. Although most students enter college at the beginning of the Fall semester, beginning students are welcome at the opening of either semester, or the Summer Session. Students who wish to accelerate their programs are encouraged to attend both regular and Summer Sessions.

THE SUMMER SESSION

The Madison College Summer Session for undergraduates is eight weeks long. It begins about the middle of June and ends about the middle of August. College work done during the Summer Session is equal in value to that done at any other time. However, students are usually limited to about half of the load they might take during a Winter Session semester. A catalog of the Summer Session, published early each spring, may be obtained from the Dean of the College.

In addition to the Eight-Week Session, in which undergraduate courses are taught, Madison has an Intersession of three weeks which is followed by a Six-Week Session. Only graduate courses are taught in the Intersession and Six-Week Session.

The Placement of Graduates

The College brings its graduates to the attention of prospective employers through the Office of Placement.

Each semester, graduating students in the four-year curricula enroll with the placement bureau, fill out appropriate blanks, and receive information and instructions relative to securing positions. Complete records, including the recommendations of several faculty members who are acquainted with the student's work, a report from the supervisor (for students in the teaching curricula), photographs, and other information regarding the ability, personality, and scholarship of the graduate are kept on file.

The aim of the placement bureau is not only to place new graduates effectively but also to furnish satisfactory placement service to alumni who are qualified for better positions and who desire to change positions or type of work. Placement records are supplemented by additional data from time to time. Copies of these records are available

to superintendents and other employers upon request. Each graduate is expected to take the responsibility for filling in the proper blanks for the files and to share the responsibility for securing a suitable position.

Students who desire teaching positions in states other than Virginia must take the responsibility for meeting the requirements for certification in the state in which they are interested.

Division superintendents and principals who desire teachers, and other employers who want workers in the fields in which Madison College offers instruction, are invited to state their needs to the Director of Field Services and Placement. The College will arrange interviews between prospective employers and employees.

IN-SERVICE TEACHER EDUCATION

After helping to place graduates in public school positions, the College assumes a further obligation to follow up these students as they begin their teaching careers. The Director of Field Services and Placement, through personal visits and letters and in other appropriate ways, gives assistance to the beginning teacher on the job. Other important aspects of the plan include the development of better working relationships and understanding between the College and the public schools and bringing factual information from the field which may aid in planning the education of teachers. The Director also provides opportunities for members of the faculty and for junior and senior students to visit and observe in public schools.

The Alumni Association

The purpose of the Alumni Association is to keep the College in touch with its graduates, both men and women; to acquaint them with its work, its plans, and its needs; to further their interests in all possible ways; and to promote warm fellowship among them by providing frequent reunions.

There are fifteen local chapters, thirteen in Virginia, one in Baltimore, and one in Charleston, West Virginia. These chapters are active in keeping contacts with the College, in continuing friendships, and in interesting new students in coming to Madison. In order to put the work of the Association on a sound financial basis, the Madison College Alumni Association recently established a *loyalty fund* to which it is asking all alumni to contribute.

The Association keeps a directory of graduates of Madison College, publishes two alumni news bulletins each year, and holds a special reunion every year in the spring, when all former students are invited to visit the College.

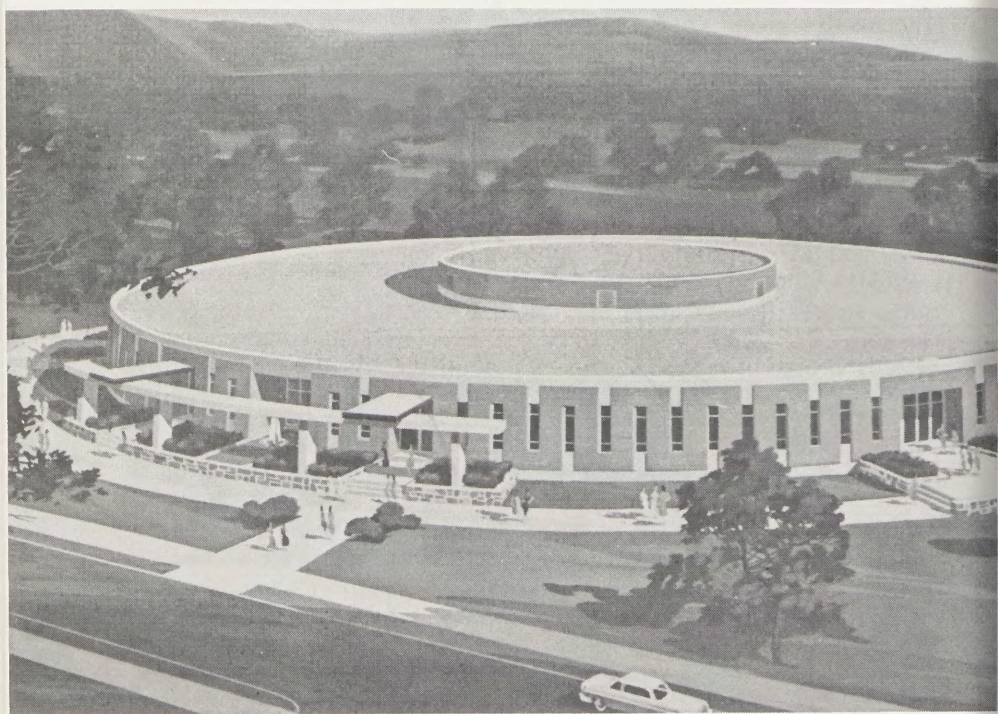
The faculty committee on alumni relations and the Alumni Secretary, whose office is in Alumnae Hall, keep graduates informed about the College and welcome communications and suggestions from former students.

The Location of the College

Madison College is on the southern edge of Harrisonburg, an attractive Virginia city of fifteen thousand people. Harrisonburg is in the scenically and historically famous Shenandoah Valley of Virginia, midway between Lexington and Winchester. The surrounding mountains, visible from most of the College buildings, are the Blue Ridge Mountains on the east, beyond the Massanutten range, and the Alleghenies, on the west.

Harrisonburg is at the intersection of two national highways: U. S. Highway 33, the Spotswood, or Blue and Gray Trail, which runs across the country from east to west; and U. S. Highway 11, and Interstate Highway 81, the Lee Highway, which runs from north to south.

The Chesapeake and Ohio Railway provides passenger train connections to Harrisonburg at Staunton. The Greyhound Bus Lines connect Harrisonburg with each of these neighboring cities; and at vacation periods, the company supplies special buses for students to all parts of the State. The Piedmont Airlines provide further means of transportation at the Shenandoah Valley Airport, which is twenty minutes away from the campus.



The Campus and the Buildings

The Madison College Campus, facing on Main Street, extends over sixty-two acres of rolling land. An adjacent 232-acre tract, which will increase the recreational opportunities of the College and provide space for future building needs, has recently been added.

The College plant is built on a plan adopted when Madison was founded. The buildings, grouped on two sides and across the top of a broad central mall, are built of native blue limestone with red tile roofs. The buildings are so designed that all rooms are outside rooms with generous windows to provide good light and ventilation. Telephone connections within the campus and with Harrisonburg exchanges are available in all buildings.

RESIDENCES AND DINING HALL

All of the residence halls are two or three story buildings and all the student rooms contain beds and the usual bedroom furnishings. In most of the dormitories two adjoining rooms are connected by a bath to form a suite. The College provides sheets, pillowcases, and towels. If a student brings extra blankets and linens, she must have them laundered at her own expense. Individual personality and charm can be added to the rooms by rugs, curtains, bedspreads, radios, and other personal items.

Maid service is provided in each dormitory, although students are required to care for their own rooms and make their own beds.

A hostess lives in each dormitory and keeps the residence running smoothly.

Residence Halls are: Jackson, Spotswood, Ashby, Sheldon, Cleveland, Johnston, Converse, Logan, Gifford, Wayland, Hoffman, and Shenandoah. The suite plan is used in these dormitories with the exception of Sheldon and Johnston. Additional living quarters for students include Carter, Sprinkel, Messick, Zirkle, Lincoln, Nicholas and Baker Houses. The rooms are furnished with closets, single beds, mattresses, pillows, linen, tables, chairs, and bureaus. Each building has pressing room facilities and kitchenettes.

Jackson Hall has 40 rooms for student living. It has a pressing room equipped with electric irons and ironing boards, and a kitchenette. There is a reception room on the second floor. The students' rooms are painted in pastel shades of yellow, blue, and green. The telephone switchboard is located on the ground floor of this building.

Ashby and Spotswood Halls each include forty rooms for students as well as large reception rooms and suites for the hostesses. On each floor are kitchenettes equipped with the usual kitchen appliances. On the ground floor of each of these buildings are attractively furnished recreation rooms. There is a small gymnasium in Ashby.

Sheldon and Johnston Halls together contain 79 rooms for students. They have recently been remodeled, redecorated and refurnished throughout.

Cleveland and Converse Halls with forty-eight and fifty-seven rooms respectively and *Logan Hall* with fifty-three rooms are modern dormitories. *Gifford Hall, Wayland Hall, and Hoffman Hall*, the newest dormitories on the campus, are up-to-date in every respect. *Logan Hall, Gifford Hall, Hoffman Hall, and Wayland Hall* have recreation rooms, kitchenettes, and pressing and laundry rooms. The College reserves the right to assign students to the aforementioned dormitories in order to assure maximum occupancy until the debt incurred in their construction is liquidated.

Carter, Sprinkel, and Messick Houses, buildings which were formerly private residences, are on the campus and provide additional living quarters for students.

Shenandoah Hall, Zirkle House, Lincoln House, Nicholas House and Baker House, on Main Street directly across from the campus, also offer additional accommodations.

The increase in enrollment at the College has made it necessary to assign more than two students per room in some of the dormitories.

The new Dining Hall, capable of seating 2,250 people, is located directly behind Wilson Hall at the center of the campus.

THE ACADEMIC BUILDINGS

The Library contains approximately 113,000 volumes and receives about 540 current periodicals. Nearly 5,000 books are added annually. The book collection has been carefully selected to provide the books necessary to supplement the college studies of all students and to permit students to read widely in subjects not covered by formal classes. A staff of professionally trained librarians is available to help students learn to make effective use of library resources.

The Bureau of Teaching Materials, an agency of the State Department of Education, is located on the lower floor of the library to provide films to the public schools of the northern region of Virginia as well as for Madison College classrooms.

Wilson Hall, the building at the top of the mall, is the central administration building as well as one of the principal classroom buildings. Here are located the offices of the President, the Dean of the College, the Registrar, the Director of Admissions and Student Aid, the Director of Field Services and Placement, the Business Manager, the Assistant to the President, and the Superintendent of Buildings and Grounds. On the second, third and fourth floors are classrooms, laboratories, and faculty offices of the departments of art, education, and English. Wilson

Hall includes the College auditorium, with a fully equipped stage and a seating capacity of 1,400 and the Men's Lounge.

Burruss Science Hall houses the departments of biology, chemistry, physics, mathematics, and geology. In addition to classrooms and offices for these departments, the building includes modern, well-equipped laboratories. New additions have been built on either end for more classrooms and laboratories.

Maury Hall contains offices, classrooms, and laboratories for the department of business education.

Keezell Hall accommodates the departments of foreign languages, education, social science, and physical and health education.

A wing of this building includes a gymnasium with a seating capacity of 1,000 and a swimming pool. The pool is 25' by 50', lined with tile, and equipped with machinery for filtering, heating, and chlorinating the water. Showering and dressing facilities are available.

The offices of the Director of Laboratory School Experiences and College Field Supervisors of Student Teaching are also in Keezell Hall.

Anthony-Seeger Campus School is named for two retired faculty members of the College, Miss Katherine Minor Anthony and Miss Mary Louise Seeger.

Among the features of the building are a well-equipped auditorium, a cafeteria, a library, a health center, a play room, a lounge for parents and visitors, and Reading, Speech and Hearing, and Child Guidance Centers.

Classrooms are provided for a kindergarten, and grades one through six. The nursery school will be housed temporarily in other space on the campus until permanent facilities for it can be provided in an addition to the School.

The purposes of the Anthony-Seeger Campus School are:

1. To serve as a model school in the community, thus providing opportunities for those interested to observe optimum learning situations in which tested procedures are used;
2. To afford initial laboratory experiences (observation, demonstration) for undergraduate students preparing to teach;
3. To serve as a center for the development of research units, curriculum guides, and audio-visual aids; and
4. To provide limited student teaching opportunities for college students.

Madison Memorial Library is conveniently located near classrooms. The office, classrooms, and laboratory for the department of library science are in the library.

Harrison Hall is the headquarters of the music department. On the ground floor of Harrison are the College tearoom, the post office, the bookstore, and faculty and students' lounges.

Johnston Hall ground floor houses classrooms of the department of physical and health education.

Moody Hall, completed in 1961, houses the facilities for the home economics department. In addition to lecture rooms, lecture-demonstration rooms, food laboratories, a dining room, conference room, clothing laboratory, lounge, two-room apartment, and five individual offices, there is an auditorium-lecture room with a stage and a seating capacity of 160.

SPECIAL SERVICE BUILDINGS

Alumnae Hall was built largely through the generous contributions of the alumnae and friends of the College. In Alumnae on the first floor are the offices of the Dean of Women, the Assistant Dean of Women, and the Dean of Students. The large parlor on the first floor of this building is a general reception room used for a student dating center and for formal and informal gatherings of students, faculty members, alumnae, and town-and-gown groups. On the second floor are the office of the Alumni Secretary, two meeting rooms, and offices for student organizations.

Varner Home Management House provides two practice units for home economics students who live together and practice household skills under the supervision of a home economics instructor. The students serve, in turn, as hostess, housekeeper, cook, and in the many other positions demanded in efficient home management.

Hillcrest is the home of the President of the College. It is here that freshmen first meet the President and all the other administrative officers and faculty members at the Freshman Reception during the first week of school.

Walter Reed Infirmary was opened in the Fall of 1959. This is a modern building in every particular. It provides twenty-six beds and includes a doctor's private office, two examining rooms, laboratory, therapy treatment room, diet kitchen, medicine room, and a principal nurse's station.

Field Sports House was ready for use in 1965 by the physical education department. Built with one large room, it is essentially used for instructional purposes when inclement weather prohibits outdoor classes. There is storage space for athletic equipment and a faculty office. Since the building has a small kitchen, it may be used for informal meetings.

Rockingham Memorial Hospital, adjoining the campus, is a private 300-bed hospital which serves Harrisonburg and the county. Students who need hospital and medical care beyond the capacity of the College infirmary are admitted to this modern, well-equipped hospital.

The Health Laboratory of the hospital regularly examines the water, milk, and other supplies used by the College for protection of Madison students.

Student Government

In determining policies which affect student life, both the administration and faculty follow democratic procedures. Student opinion is not only welcomed but is frequently sought before reaching final conclusions about matters which involve the welfare of students. The student body through its Student Council, Honor Council, and Men's Student Organization, assumes a large responsibility for student government, including the enforcement of general and social regulations, the honor code and appropriate standards of conduct, and the recommendation of constructive policies for enhancement of happy and wholesome student life on the campus.

The Women's Student Government Association, made up of all the women students, elects the officers of the Association who, together with representatives elected by each of the classes, constitute the Student Council. The Student Council handles problems of student government and promotes the cooperation needed for happy student life.

The Men's Student Government Organization, composed of all the men students at Madison, exists to promote the welfare of the men students and the College as a whole. The organization includes a Student Court which considers cases of infringement of college tradition, breaches of social etiquette, and other matters contrary to the best interests of Madison College and the men students.

The Honor Council, elected by the students, works with the Student Government Association and the Faculty Judiciary Committee of the College to promote honorable behavior in conduct, speech, and writing. The Honor System was created by students who believe that every person who enrolls at Madison College will be proud to belong to an organization which will not tolerate lying, cheating, or stealing. Consequently, after a careful explanation of the Honor Code, each student is asked to sign a pledge promising to uphold this code.

Certain standing committees also have important functions and responsibilities in assisting the Student Government Council to administer the program of student government on the campus. These include the *Inter-Dormitory Council*, the *Junior Marshals and Ushers*, the *Standards Committee* (for promoting high standards of conduct and appearance), and the *Social, Fire, Recreation, and Fact-Finding Committees*.

STUDENT-FACULTY STANDING COMMITTEES

Members of the student body and faculty and staff serve together on several college committees so that such groups may be represented in recommending over-all policies to the administration and in approving programs and procedures which vitally affect the students of the College.

Campus Life

Madison offers excellent opportunities for active and stimulating social life for small and large groups of students. Through the Social Committee, Standards Committee, Recreation Council, dance clubs, and other campus organizations, a strong and varied social program provides opportunities for all students. The Dean of Women, the Assistant Dean of Women, and their assistants exercise general guidance of the social activities of the students.

Recreation rooms in the dormitories are equipped with comfortable furniture, ping-pong tables, game facilities, radio-phonographs and television. These rooms are open to students at all times and are used as dating centers several nights each week. The reception rooms in all of the dormitories are available for various types of entertainment, meetings, and other events.

The *Tearoom*, on the ground floor of Harrison Hall, is a gathering place for students and faculty members. Breakfast and lunches are served daily, except Saturdays and Sundays.

The *College Camp* on the Shenandoah River at the base of the Blue Ridge is a spacious, converted farm house where groups of students can spend refreshing week ends in the company of faculty members of their own choosing. Here they do their own cooking and house-keeping and enjoy outdoor recreation.

Excursions to interesting and colorful spots are arranged by Madison College upon requests from students. The many famous Virginia caverns, the mountains, the historic battlefields and other points of interest offer entertaining as well as educational experiences. The College bus may be scheduled also to take students to outstanding attractions or entertainments in Washington, D. C., and Richmond.

Entertainments of many kinds are a definite part of Madison social life. There are movies almost every Saturday night in Wilson Auditorium; there are formal and informal dances; there are the College plays; there are plays and concerts given by leading American actors and musicians; there are teas and coffee hours; there are frequent student recitals; and many of the Thursday assemblies are essentially entertaining.

The City of Harrisonburg affords entertainment facilities. The *Valley Players* offer outstanding little theater productions and a series of fine arts programs are presented each year by the *Community Concert Association*. (Students may purchase tickets to community concerts at a reduced rate.)

Madison College cooperates with the University Center in Virginia in bringing outstanding personalities in the several academic and specialized fields to the College through the *Visiting Scholars* program.

Madison College has seven *sororities* (Alpha Gamma Delta, Alpha Sigma Alpha, Alpha Sigma Tau, Phi Mu, Sigma Kappa, Sigma Sigma

Sigma, and Zeta Tau Alpha) which operate under the general control of the College faculty and local Panhellenic Council. These are all members of the National Panhellenic Council.

There are two *dance clubs* on campus, Cotillion and German, through which large numbers of girls provide beautiful formal dances for all interested students.

The men students at Madison have established two local fraternities, Sigma Delta Rho and Phi Alpha Epsilon, which promote scholarship, fellowship, and leadership.

The *Sesame Club* for women day students promotes the general welfare of these students.

Co-Curricular Activities

Much of the social life, as well as the intellectual life of the students, is built around the co-curricular activities—those organizations and clubs which are often related to classroom activities but which are student-centered and student-operated with assistance from faculty members.

Almost every academic department sponsors a club for the out-of-class interests of its students: Alpha Rho Delta (classics), Art Club, Association for Childhood Education, Business Club, Curie Science Club, El Club Espanol, Alpha Beta Alpha (library science), Frances Sale Club (home economics), Future Business Leaders of America, International Relations Club, Le Cercle Francais, Mathematics Club, Mercury Club (physical education), Social Science Club.

The Women's Athletic Association is an organization to which all Madison College women students belong. Through its officers and committees the W.A.A. sponsors intramural sports, extramural sports, Orchestis (Dance), Fencing Club, Porpoise Club, and the Bowling Club. The W.A.A. provides opportunities for all students to participate in their favorite sports.

The Men's Athletic Association offers a comprehensive intramural sports program to men students. It also sponsors an intercollegiate basketball team.

All male students are members of the association and are encouraged to participate in any and all activities.

In addition to providing sporting activities, the M. A. A. also co-operates with the Men's Student Government and the Men's Fraternities in sponsoring Men's Day and the annual spring picnic.

Musical Organizations are numerous. There is the *Concert Choir*, an outstanding group of about sixty students under the leadership of the Department of Music staff, which makes many public appearances on the campus, in Harrisonburg, and in other parts of Virginia. The *Orchestra* and the *Band* are well-equipped and competently directed

organizations which perform on campus and elsewhere. A recently organized chapter of *Sigma Alpha Iota*, a national professional music sorority, provides many opportunities to members for varied contacts in the field of music. The *Diapason Club* is an organization for students of organ. The newest group, the *Choral Ensemble*, is a small group of students who specialize in madrigal singing.

Student Publications, at Madison, consist of *The Breeze*, *Bluestone*, *Chrysalis*, and the *Handbook*. *The Breeze* is a bi-weekly newspaper managed and produced by the students. *Bluestone* is the College annual, and is typical of the traditional college yearbook. *Chrysalis* is the campus literary magazine, managed and produced by members of the Criterion Club. The *Handbook* is an annual publication devoted to information about student life, student organizations, and regulations.

Dramatics at Madison College is under the leadership of the *Stratford Players*, a student group which produces plays each year in Wilson Auditorium.

Gamma Kappa Chapter of Kappa Pi, international honorary art fraternity, has as its purpose the promotion of art interest among college students, stimulation of higher scholarship and the recognition of ability in the field of art.

Literary Activities at Madison College are under the leadership of the *Criterion Club*, a student group organized for the purpose of inspiring an appreciation of literature in all its aspects. The aim of the club is to provide students with the opportunity to develop literary talents and interests.

Kappa Delta Pi, a national honor society, encourages high professional, intellectual, and personal standards among students who are preparing to teach. It endeavors to maintain a high degree of professional fellowship among its members and to quicken professional growth. Distinction in scholarship is required for membership.

Sigma Alpha Iota is an internationally incorporated professional fraternity for women in the field of music. Its purposes are to uphold the highest ideals of a musical education, to raise the standard of productive musical work among women college students, to further the development of music in America, and to give inspiration and material aid to its members. Membership is based upon scholarship, musicianship, personality and character, and is open to college music students of undergraduate and graduate level and to music faculty members.

Sigma Phi Lambda is a local organization honoring scholarship. Its major purpose is to stimulate students early in their college life to do the best work possible. Membership is limited to women upperclassmen and second semester freshmen with a 3.00 average.

Pi Omega Pi is a national honorary fraternity for men and women preparing to teach business education. The chapter endeavors to promote high ideals of scholarship and leadership in business education. Election to membership is based upon scholarship and professional promise.

Sigma Eta is the local chapter of the national Phi Sigma Iota Honor Society. It has as its purpose the recognition of outstanding ability and attainment in Romance languages and literatures and the stimulation of advanced work and individual research in this field. Membership is open to undergraduates, graduates and faculty members. Undergraduates must have at least a "B" average in their entire college course as well as in all courses in Romance languages. Every active member must prepare at least one paper during his active membership.

Religious Life

Although Madison College, being a State institution, is undenominational, it encourages religious interest among its students.

Harrisonburg is a church-going community. In the city are churches of many faiths: Adventist, Baptist, Church of the Brethren, Church of Christ, Church of the Nazarene, Episcopal, United Church of Christ (Evangelical and Reformed), Evangelical United Brethren, Hebrew, Lutheran, Mennonite, Methodist, Presbyterian, Peoples Baptist, and Roman Catholic. These churches and the young people's organizations connected with them are doing active work, and all students are cordially welcomed in them.

There are a number of active church-related organizations on the campus:

- Baptist Student Union
- Canterbury Club (Episcopal)
- Christian Science Club
- United Church of Christ Club (Evangelical and Reformed)
- Evangelical United Brethren Youth Fellowship
- Junior Sisterhood (Hebrew)
- Lutheran Student Association
- Nazarene Young People
- Newman Club (Catholic)
- Schwarzenau Club (Church of the Brethren)
- Wesley Foundation (Methodist)
- Westminster Fellowship (Presbyterian)

All students are urged to attend the services of the denomination of their own choice. Several of the larger churches have assistants who devote a great deal of their time to college students.

The Young Women's Christian Association furnishes student leadership in campus religious life. It conducts weekly devotional and discussion meetings, sponsors recreational activities, participates in State-wide college Y.W.C.A. Conferences, sponsors a Religious Emphasis Week, and offers an opportunity for special training in the national Y.W.C.A. Training School or regional conferences.

Faculty advisers, selected by the Y.W.C.A. Cabinet, assist the officers and members, give attention to the religious interests of all students, and encourage all agencies which promote the spiritual development of the students.

The Young Men's Christian Association has somewhat the same objectives as the Y.W.C.A. It assists the Y.W.C.A. in advancing the cause of Christianity and supports desirable campus projects.

Physical Life

STUDENT HEALTH SERVICE

A medical history and a report of a medical examination must be submitted by all freshmen and transfer students on forms provided by the College. After two years of attendance at Madison, the student is expected to be in satisfactory physical condition for college work and a report of a medical examination, recorded on forms provided by the College, is required of all third-year students.

The College Infirmary is staffed by the College Physician and three registered nurses. Out-patient service, bed care for minor illnesses, and emergency care for all injuries and illnesses are provided.

Guidance and supervision of students' campus health problems in cooperation with the Health Council and the administrative officers of the College are also important features of the health services. The student health service places emphasis upon general medical advice to students and upon the prevention and treatment of incipient and early illness. The chief emphasis of the infirmary is upon the care of students with minor illnesses which do not require hospitalization.

HEALTH AND PHYSICAL EDUCATION PROGRAM

Madison College provides a balanced health and physical education program. The College not only provides an interesting and active program in its various courses but also encourages student participation in intramural and extramural activities.

Physical education facilities found on the campus include two gymnasiums, two hockey fields, tennis courts, swimming pool, softball diamonds, and an archery range.

Students are required to take courses in health and physical education. Modifications of the physical education program must be authorized by the College Physician through the Head of the Department; therefore, such requests with any supporting recommendations from private or family physicians must be submitted to the College Physician for consideration and approval.

College Regulations

The State of Virginia requires that every student who avails himself of the privileges of an education at Madison College exhibit at all times the qualities of good citizenship as defined and upheld by the best public opinion in our Commonwealth.

The following general statements cover the most important regulations which must be observed:

1. Students are expected to attend classes and all other regular exercises of the College from the first day of the session to the closing day. For details concerning class attendance refer to page 62.

2. Women students are required to live in a college residence hall unless they reside at home or with a near relative, or unless accommodations on the campus are not available.

3. Women students who room in town must live in homes approved by the President of the College on the recommendation of the Dean of Women.

4. Resident students who remain in private homes in Harrisonburg during short vacations will be expected to conduct themselves in keeping with college standards.

5. No resident student of the College may leave her dormitory for the night without the approval of the Dean of Women or the Assistant Dean of Women. For all students except "mature" students permission to leave Harrisonburg must be granted in writing by parents or guardians. (See the *Handbook* for definition and privileges of "mature" students.)

6. Students while under campus regulations are not permitted to use or have in their possession intoxicating liquors of any kind. Conduct while absent from the campus which reflects discredit on the College subjects the person to disciplinary action.

7. The authority to suspend or dismiss students is vested in the Administration of the College. The *Student Government Council* investigates and imposes penalties for violations of regulations as set forth in the *Handbook*; the *Honor Council* investigates and imposes penalties for violations of the Honor Code including in its jurisdiction all cases involving cheating, lying, or stealing, which are breaches of honor and are not tolerated by the College. Recommendations for suspension or dismissal by the *Student Government Council* or the *Honor Council* are reviewed by the *Faculty Judiciary Committee* which submits its recommendations to the *President*, who may suspend or dismiss students for such violations or for other serious misconduct.

8. The College is not authorized to extend credit to students; nor does the College assume any responsibility for bills incurred in Harrisonburg. Prompt payment of all bills is encouraged.

9. Students may not use in their bedrooms any electrical appliances except radios, hair dryers, and electric sewing machines by a few home economics majors to be approved by the Head of the Home Economics Department.

10. Students in registering must use their proper legal names, and students who are married while in college must immediately register under their married names.

A change of legal name or home address is to be made known promptly to the Registrar, the Dean of Women, the Business Manager, and the Post Office.

Any minor student who marries without the full knowledge and consent of his or her parents may be required to withdraw from the College by the President. Such consent must be submitted in writing by the parents to the Dean of Women or the Dean of Students prior to the marriage. If required to withdraw, the student may not re-enter until the lapse of two full semesters or the equivalent.

A student twenty-one years of age or older must give written notice to the Dean of Women or the Dean of Students of his or her intentions to marry. Failure to do so may result in the student being required to withdraw from the College by the President. If required to withdraw, the student may not re-enter until the lapse of two full semesters or the equivalent. This regulation also applies during holiday periods of the school session.

11. No solicitation, such as taking orders or selling merchandise to students and employees, or fund raising for any purpose, is permitted in the buildings or on the grounds of Madison College without permission of the President of the College.

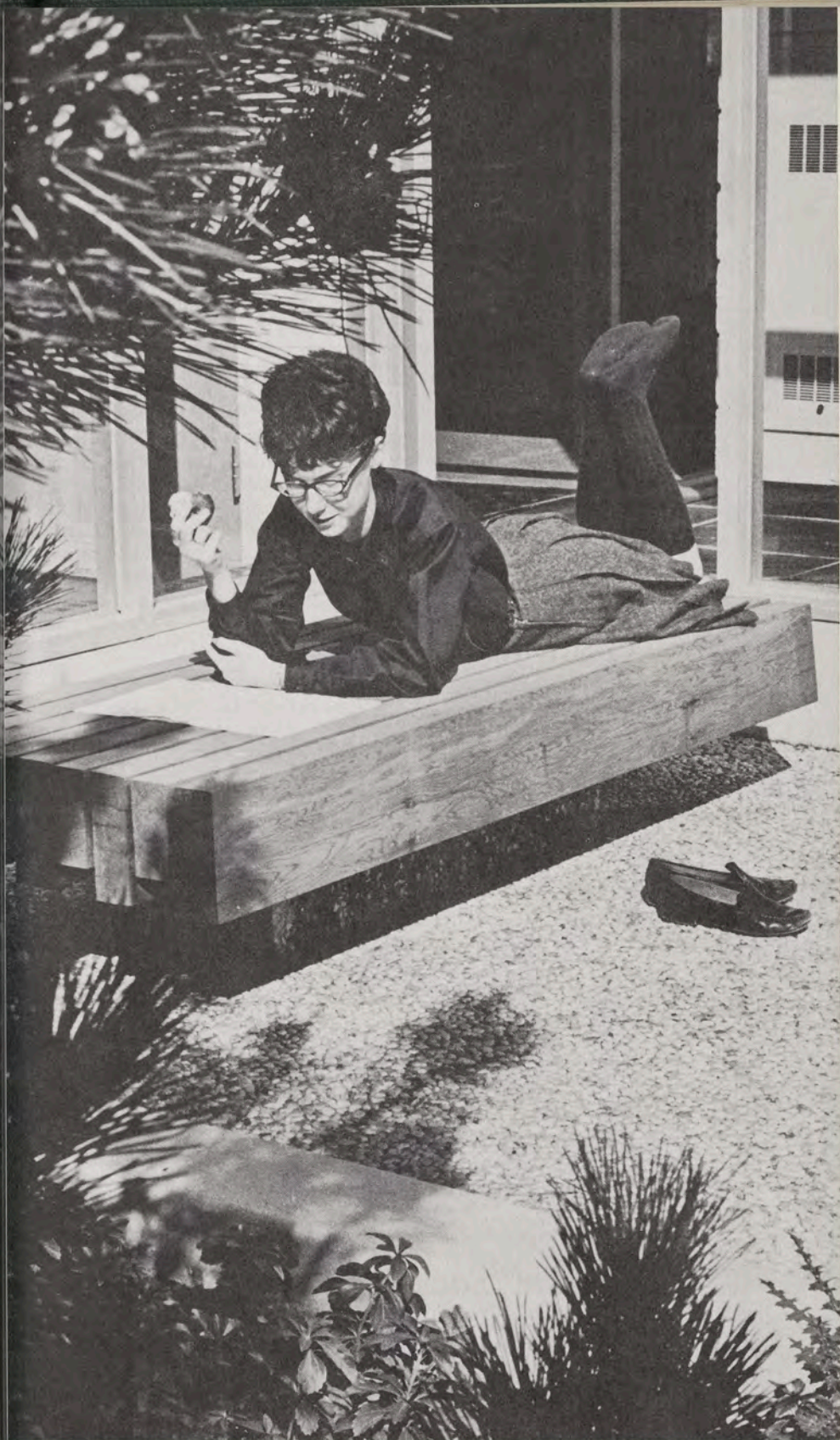
12. A resident student who disturbs the sleep or study of other students will forfeit the right to a room in a college residence hall.

13. Attendance at Madison College is a privilege, not a right. Whenever in the judgment of the President, the continuation of any person as a student at Madison is not in the best interest of the student or of the College, the student shall be required to withdraw from the College.

14. Good citizenship as well as satisfactory scholastic achievement is required of all students at all times, and students who conduct themselves in such manner as to injure the good name of Madison College may be required by the President to withdraw from the College.

15. Any student who causes the College to receive unfavorable publicity may be required by the President to withdraw from the College or may be subject to other disciplinary action including indefinite suspension.

16. The Governing Board has assigned responsibility for the administration of the College to the President. Certain administrative officers and faculty members have been appointed to assist him in carrying out this responsibility. Therefore, the President has full authority to make final decisions in all matters governing the conduct of students.



PART THREE

Academic Information

There are many general academic rules and regulations which the College observes in order to keep Madison in the forefront of colleges all over America. This part of the catalog presents

ADMISSION OF STUDENTS

SELECTION OF COURSES

STUDENT LOAD

CLASSIFICATION

THE GRADING SYSTEM

QUALITY RATING SYSTEM

UNSATISFACTORY SCHOLARSHIP

ACADEMIC PROBATION

CLASS ATTENDANCE

DEAN'S LIST

HONORS PROGRAM

STUDY ABROAD

SCREENING PROGRAM FOR STUDENTS IN
TEACHER-PREPARED CURRICULA

GRADUATION REQUIREMENTS

TEACHERS' CERTIFICATES

DEGREES

GRADUATE PROGRAM

Admission of Students

APPLICATION

Candidates for admission to Madison College should fill out either the preliminary application blank found in the back of this catalog or a blank obtained from the Office of Admissions. When carefully completed, the form should then be submitted to the Director of Admissions.

An early application, after completion of the junior year, is desirable since it will establish priorities for room assignments. An initial application and a \$10.00 application fee are required of *all students—boarding, day and special*. This fee is not refundable, will not be transferable to another session, and will not be credited to the student's account. An additional non-refundable payment of \$75.00 by May 1st is required of all *boarding* students to hold the room reservation. This \$75.00 fee is not an additional expense, but is credited to the student's account upon registration.

Upon the receipt of the preliminary application blank and fee, the Director of Admissions will then mail the applicant a regular application blank (Pre-Registration and Guidance) which must be completed and returned.

At the *appropriate* time, the Admissions Office will mail to the student the blanks to be taken to the high school office with the request that an official transcript of the high school record be sent to Madison College. Upon the return receipt of the transcript, formal yellow application blank, and a report of the College Entrance Examination Board scores, the Admissions Committee will review all credentials and pass upon qualifications for admission to Madison. The applicant will then be notified of its decision.

ADMISSION POLICIES

All applicants for admission must be approved in accordance with policies established by the Committee on Admissions and Student Aid of Madison College.

The general admission requirements for Madison College are: 1. Be a graduate of a high school or private secondary school accredited by the Department of Education of the State in which the school is located; 2. Rank in the upper one-half of the high school graduating class; 3. Have average or above average percentile scores on standard tests administered in high school; 4. An acceptable score on the Scholastic Aptitude Test of the College Entrance Examination Board (morning session); 5. Be in good health; 6. Be recommended for admission by the high school principal or his authorized representatives. Preference is given to students who present 4 units in English;

NOTE: No one of these requirements (1-6) would necessarily exclude an applicant from admission to the College. They are set forth to provide information regarding the factors, along with others indicated on the next page, which are considered by the Admissions Committee in acting upon applications.

2 units in history and government; 2 units in science; 2 units in mathematics (including algebra and/or geometry); and 2 units in a foreign language.

Students attending five-year high schools will be given preference if they present 17 academic units in meeting the requirements for admission. Twelve of the units, distributed as indicated in the paragraph above, should be completed during the last four years of high school.

Each applicant's record is carefully reviewed for academic promise but, in addition, due consideration is given to character, talent, personality, attitudes, interests, earnestness of purpose, and leadership ability.

A personal interview is *strongly recommended* for each applicant. A student should make an appointment in advance with the Director of Admissions to visit the Campus. The College visitations at the high schools also offer an opportunity for compliance with the interview recommendation.

Admission of Transfer Students:

Students who wish to transfer from other recognized colleges and universities who have completed a term, a semester, or a year or more of work with a good scholastic record and an honorable dismissal from such institutions, may also be considered for admission. Transfer students must satisfy entrance requirements of Madison by having at least a "C" average. It is the student's responsibility to provide the Director of Admissions at Madison College with official transcripts of work completed from *all* colleges attended.

If a student is accepted for entrance, he will receive credit for all courses which are a fair equivalent of courses in the curriculum which he elects. Credit for first-year English, however, shall be accepted provisionally: the student will be required to satisfy the English Department of his ability to write an acceptable impromptu essay. If the Department of English judges the writing sample unsatisfactory, transfer credit for freshman English will not be allowed, and the student will be required to enroll in English 101-102. If approval of the writing sample is given, full credit will be allowed for freshman English taken elsewhere. In evaluating all work presented, credit will be allowed only for those courses in which a student has made a grade of "C" or better.

Students who are ineligible to return to the last institution of higher learning which they attended are ineligible for admission to Madison College.

Not more than twenty-five per cent of the work toward any degree may be done through extension. Such work must be relevant to the degree for which the student is enrolled. Students should secure approval from the Madison Registrar in the choice of such courses.

Students Applying for Readmission:

A student who has withdrawn from Madison College for one semester or longer must reapply for entrance through the Office of Admissions. The Committee on Admissions will review his credentials and pass upon his application. This will be done in view of the space available and in conformity with the requirements of the latest catalog. If he has attended another institution, the work there as well as that done at Madison College will be taken into consideration by the Committee.

Any student who withdraws from college while on *Academic Probation* is not eligible for readmission.

Students enrolled in regular sessions of the College are permitted to attend no more than two (2) summer sessions in order to attain the cumulative average required for eligibility to return to the regular session.

Special Students:

Special students are required to meet the same standards for admission as full-time students. No applicants will be admitted as special students by reason of the fact that they do not fully meet the admission requirements of the College.

A medical history and a report of a medical examination must be submitted by all applicants on forms provided by the College in order to meet the final admission requirements. An applicant must be in good health—free from any communicable disease, and physically and emotionally capable of performing the usual duties required by the College program. Any student who withholds pertinent health information may be asked to withdraw from the College.

COLLEGE BOARD EXAMINATIONS

All freshman applicants are required to take the College Entrance Examination Board (morning session), Scholastic Aptitude Test, and have the results submitted to the Director of Admissions.

The S. A. T. is given in December, January, March, May and July. Students are encouraged to take the test for practice during their junior year; however, the seniors should take the test in December or January. Information concerning this testing program may be obtained from high school principals and guidance directors, or from the booklet entitled, *Bulletin of Information, Scholastic Aptitude Test*, which may be obtained free by writing to the College Entrance Examination Board, Box 592, Princeton, New Jersey. The booklet, *A Description of the College Board Scholastic Aptitude Test*, may also be procured by request from the above address.

MEN STUDENTS

Madison College admits men students. They may obtain desirable rooms in private homes nearby the Campus and the College dining halls are open to them. There are approximately 200 men students

enrolled at Madison. Unless they elect to do so, men students are no longer required to take the courses in professional education to meet the requirements for State certification as teachers in Virginia. For further information, prospective men students should write to the Director of Admissions.

EARLY ACCEPTANCE PLAN

Madison College will give early decisions in early November and in December on acceptance of qualified students who have applied for



admission after the completion of the junior year in high school and early during the senior year and who have successfully completed the March, May, or July Scholastic Aptitude Test of the College Entrance Examination Board. Other later applicants will be processed as rapidly as possible until capacity is reached.

ADVANCED PLACEMENT EXAMINATIONS

Madison College has made arrangements with the College Entrance Examination Board to participate in the Advanced Standing Program offered by that organization.

Students who have been admitted to Madison College or who are being considered for admission may apply to the College Entrance Examination Board for permission to take one or more of the tests. Madison College should also be informed of the student's intentions. This should be done early in the senior year of high school. It is suggested that interested students discuss this matter with their guidance counselors or principals. The Board reports the results of the examinations to the College. After consideration of the report, the department concerned makes the decision regarding advanced standing and credit. Each department may, at its discretion, require other evidence of ability such as personal interview and/or an additional written examination, administered and graded by the department.

Advanced Standing College Board Examinations are available in eleven subjects: English, French, German, Latin, Spanish, American History, European History, Mathematics, Biology, Chemistry, and Physics.

In addition to the examinations offered by the College Board, Madison College gives an advanced standing examination in Music.

The address of the College Advanced Placement Examination Board is Box 592, Princeton, New Jersey.

Selection of Courses

As previously indicated the work of guidance is a coordination of various services of the College under the general supervision of the Dean of Students. Each of the curricula (the courses of study) has several faculty advisers.

Prospective students should study carefully the various curricula available at Madison—pages 81-109—and decide by the end of their freshman year which curriculum they want to follow. When it is desirable, a student may be allowed to transfer from one curriculum to another with the approval of Dean of the College. Changes may mean some loss of time and credit. *The student must assume the final responsibility for meeting the requirements of the curriculum which he elects.*

Each student should select his individual courses carefully, considering the requirements of his chosen or probable curriculum, his previous education, and his interests and aptitudes. To avoid unwise choices, the student should seek the help of his curriculum adviser *before the time for registration*.

After the student has completed his class schedule and has registered, no classes may be dropped, no additions made, and no transfers to other sections made—without the approval of the Dean of the College. In the first semester, such changes as are necessary must be made on the day of registration in September designated for that purpose. After this date has passed, class adjustments may not be made without the approval of the Dean of the College and the payment of a fee of \$5.00. At the beginning of the second semester a period is set aside for necessary adjustments. Class adjustments after this period has passed must be approved by the Dean of the College, and the student will be required to pay a fee of \$5.00. The fee for late adjustments may be waived if circumstances requiring changes are completely beyond the student's control and if the changes are approved by the Dean of the College.

Students may take as electives only those courses which are planned for students not more than one year removed from them in classification:

- Courses numbered 100-199 are intended for *freshmen*
- Courses numbered 200-299 are intended for *sophomores*
- Courses numbered 300-399 are intended for *juniors*
- Courses numbered 400-499 are intended for *seniors*

Exceptions are made in Business 233-234 and 221-222 for freshmen in Curriculum V and XI who may be allowed to take these courses for credit if they have had adequate preparation.

In the description of courses some courses have been described as *year courses*. In these the completion of a year's work is required before credit is given towards a degree. Exceptions include students who present a satisfactory record for fractions of such courses and are thus allowed to enter the course in the second semester.

The College reserves the right not to organize any class, if there are fewer than five applicants.

The College assumes no responsibility for giving any credit for a course not listed on the student's program card in the Registrar's Office, and approved by his curriculum adviser.

ACADEMIC STATUS

The Dean of the College serves as executive officer in all matters of academic status. All proposed exceptional programs of study and exceptions to degree requirements must be presented to the Dean for his consideration and action. Exceptional programs of classes and exceptions to degree requirements are not permitted without the approval of the Dean. The Dean of the College also makes the decisions concerning all questions about the evaluation of credits which involve policy.

Student Load

In all curricula the normal load in the winter session is 16 semester hours of credit. The number of actual class hours will vary according to the number of laboratory courses in the program. Any student, including incoming freshmen, may add to the normal load one of the one-credit courses in applied music without securing special permission, thus making a load of 17 credits.

Students of sophomore, junior, and senior standing (see "Classification") if they have a cumulative rating of "B" or better, may carry a load of 18 or 19 credits without special permission. Seniors who are meeting the minimum quality rating of "C" (2.00) and who need an additional three-credit course for one or more semesters in order to meet graduation requirements may also take a load of 18 or 19 credits.

Classification

The classification of a student depends on the number of semester hours of credit he has received and on his quality rating.

Freshmen are students with fewer than 28 semester hours of credit.

Sophomores are students with 28-59 semester hours of credit and a quality rating of 1.75.

Juniors are students with 60-92 semester hours of credit and a quality rating of 2.00.

Seniors are students with more than 92 semester hours of credit and a quality rating of 2.00.

The Grading System

The College keeps a complete record of each student's work and sends a statement to the parent or guardian as soon as possible after each semester's work is completed. Work missed by late entrance or absence must be made up.

On grade reports, grades are reported in letters—A, B, C, D, E, F, I, and W.

"A" indicates superior achievement.

"B" indicates independence of work and high grade accuracy of knowledge.

"C" indicates average achievement.

"D" indicates passable achievement in work and is allowed for graduation provided it is balanced by better than average work in other courses.

"E" indicates unsatisfactory work, incurring a condition which may be removed by examination or, in a year course, by making a "C" or better in the following semester. When an "E" is made up by any other procedure than the repetition of the course, the highest grade obtainable is "D" and for this "D" no quality points are given.

"F" indicates failure which may not be removed except by repetition of the course.

"I" indicates that work is incomplete and is given only when a student is unable to complete the course work because of sickness or some other equally satisfactory reason. If this work is completed during the next semester in residence, the grade will be determined in the usual way; otherwise the grade becomes automatically an "F."

"W" indicates that the student has withdrawn from the course, with the permission of the Dean of the College, and that at the time of withdrawal his grade was "D" or above. If a student drops a course in which his work is below "D" at the time of withdrawal, the grade in that course will be recorded as an "F."

(Seniors may be permitted one re-examination for "E" or "F" grades only)



Quality Rating System

Quality points are assigned per semester hour of credit as follows: A grade of "A" is assigned 4 quality points; "B", 3 quality points; "C", 2 quality points; and "D", 1 quality point. Thus a grade of "B" in a course bearing 3 semester hours of credit would be assigned 9 quality points; and a grade of "C" in that course, 6 quality points. *No quality points will be allowed for an "E" which is removed by an examination or otherwise—except by repetition of the course.*

The scholarship index is computed by dividing the number of quality points by the number of semester hours of credit. Thus if a student takes 16 semester hours of work and earns 40 quality points his scholarship index is 2.50. Grades earned at other institutions are not included in this computation.

Students must make a minimum average grade of "C" (scholarship index of 2.00) in courses taken at Madison College, in order to graduate.

To enroll in Ed. 359, 360, 369, and 370, or other junior courses prerequisite to student teaching, a student must have a scholarship index of 2.00. A scholarship index of 2.00 is required for students who enroll in Ed. 480, Directed Teaching.

Unsatisfactory Scholarship

If a student's scholarship index remains persistently below the standard of 2.00 he will need to spend more than the normal amount of time in his curriculum. This may be done by attending Summer School.

A student who does not have at least the scholarship index required for eligibility to return may attend no more than two summer sessions for the purpose of raising the scholarship index.

Students failing to maintain the required scholarship indices will be automatically dropped:

1. *After the first year of residence*, with a scholarship index of less than 1.60.
2. *After two years of residence*, with a scholarship index of less than 2.00.
3. *After three years of residence*, with a scholarship index of less than 2.00.

Transfer students who come to Madison in the sophomore and junior years must have a scholarship index of 2.00 in order to be eligible to return the following year.

Reports to Students and Parents

Mid-semester reports on courses in which a student is doing failing work are sent to each student and to his adviser; and, in the case of

freshmen and sophomores, to his parents also. Mid-semester grades on all courses are sent to freshmen and to their parents.

Auditors

A student enrolled in a course for credit will not be permitted to change his registration for the course from credit to audit subsequent to the adjustment period.

Academic Probation

1. All students with a cumulative average of less than 2.00 are placed on academic probation. This regulation will become effective for each new student at the beginning of the second semester of his first year here. Scholastic averages will be computed at the end of each semester at which time revised lists of the names of students on academic probation will be distributed to the faculty.

2. All students who are on academic probation (cumulative average of less than 2.00), regardless of the number of years they have been at Madison, will be permitted only those social privileges allowed first semester freshmen.

Class Attendance

Students are expected to attend all regular exercises of the College from the first day of the session to the last. This includes all scheduled classes and examinations.

Absences from classes are not excused. Absences for certain reasons may be certified. Absences due to illness may be certified by the College Physician, those caused by death or serious illness in the immediate family and those due to religious holidays may be certified by the Dean of Women for women students, and by the Dean of Students for men. Students who become ill while away from the College should obtain a statement verifying the illness from the attending physician and present it to the College Physician for his certification. Certified absences should be brought by students to the attention of the instructors of classes missed by presenting the statements of certification.

The *Student Handbook* presents a full statement regarding class attendance.

Dean's List

Students who in the previous semester earned a scholarship index of 3.25 and who carried a course load of at least fourteen semester hours are on the Dean's List.

Honors Program

A degree *with honors* may be taken in several departments by successfully pursuing a program of independent reading and study for six semester hours credit during the senior year. Applications to work for honors are presently limited to juniors who have achieved at least a 3.25 average and, in addition, have given evidence of sufficient initiative, originality, and intellectual maturity to warrant expectation of distinction in an Honors Program. Applications shall be made at the completion of the first semester of the junior year to the Honors Committee, composed of the Dean of the College and the Directors of the four Divisions. Acceptance for Honors work is solely determined by this Committee, which must also approve an individual Honors program for each Honors student and designate a faculty member to direct the study. An Honors thesis is expected as the culmination of the program.



Study Abroad

Qualified students may study in a foreign university during their junior year and, under special circumstances, during the sophomore year. Arrangements should be made through the Institute of European Studies or with some university on an individual basis. Students desiring to study abroad should consult Mr. John Stewart, Chairman of the Foreign Studies Committee.

Screening Program for Students in Teacher-Preparing Curricula

A plan for the purpose of counseling and screening students in teacher education curricula has been established at Madison College. The essential elements of the plan are as follows:

- a. The Counseling and Screening Committee consists of six members: the Director of the Division of Teacher Education, the Director of Laboratory School Experiences, the Dean of Students, the Curriculum Chairman of the student concerned, and the Heads of the Departments in which the student is majoring and minoring. Any member of the faculty who knows or works with the student may be called in for consultations by the Committee or the student concerned. The Committee will report all screening activities to the Dean of the College who has final authority to act on each case.
- b. The basic criteria used in advising students in the teacher-preparing curricula are the following: (a) possession of a broad background of general education; (b) adequate preparation in the major and minor fields (at least an average of 2.0¹ in the subject field); (c) adequate preparation in the professional field (at least a 2.0 average in the professional field); (d) good health and freedom from physical handicaps detrimental to teaching effectiveness; (e) good mental and emotional health; (f) freedom from speech and hearing handicaps; (g) effective command of the English language, both oral and written.
- c. All students in the teacher-preparing curricula will submit a simple application form requesting permission to continue in the teaching curricula by October 1 of their third semester in residence. This form should include the following information: (a) the student's name; (b) the student's curriculum; (c) a paragraph on the following topic: "Why I Want to Be A Teacher"; and (d) other pertinent information.
- d. At the end of the student's third semester of residence the Committee will screen all applicants who have a quality point rating of 1.75 and above, using as many of the criteria as possible listed in *b* above, and initiate guidance with those individuals who seem unsuitable for the teaching profession. The Committee will point out to such individuals before they register in the spring for their junior year those deficiencies which should be removed in order to continue in the teaching curricula. Close follow-up of such student will be made in order to help the student overcome his handicaps.
- e. Students who transfer to Madison with 60 semester hours of work should submit their application described in item *c* at the beginning of their second semester of residence at Madison College.

- f. The Counseling and Screening Committee will review the records of all students in the teaching curricula at least twice a year beginning with the sophomore year. The function of the Committee is advisory in nature, certainly up to the point of student teaching. If a student persists in a teaching curriculum against the advice of the Committee and the Dean of the College, he must assume full responsibility for his decision. However, if the Committee finds that the student has personality characteristics unsuitable for a member of the teaching profession, then the President, upon recommendation of the Committee, may require his or her transfer to a non-teaching curriculum or withdrawal from the College.
- g. Near the mid-point of the student teaching experience the Committee will carefully review the records of students referred to it by the Student Teaching Office. At this point the Committee may consult with the student's supervising teacher and others in close contact with his work. The Committee will advise the student teacher as follows: (a) to continue student teaching as planned, or (b) to be reassigned with a possibility that more than the original time may be required, or (c) to withdraw from student teaching for the period and seek admission to student teaching at a later period, or (d) to withdraw from student teaching and seek another vocation.

The student teacher will be an active participant in the evaluation made at this point in his student teaching but the final decision for retention will be made by the Counseling and Screening Committee, subject to review by the Dean of the College.

- h. In order to be recommended for certification the grade on student teaching must be a "C" or better.
- i. The Director of the Division of Teacher Education and the Director of Laboratory School Experiences will sign a statement for purposes of recommendation as follows:

"This is to certify that the applicant has good moral character, personality suitable for teaching, and has demonstrated competence in the required laboratory experiences in student teaching."

¹The quality point system used at Madison is: A=4; B=3; C=2; D=1.

Graduation Requirements

To receive a degree from Madison College, a student must—

1. Have a good citizenship record during the period of attendance at Madison College both on and off campus;

2. Have a minimum of 128 credit hours;
3. Have a scholarship index of 2.00 or better in those courses taken at Madison College;
4. Make an average of "C" or better in those courses constituting his major field of interest. Grades on all courses taken by a student in his major field will be used in computing this average;
5. Meet the requirements of the curriculum in which he is registered (see pages 82-109);
6. Complete successfully an examination in English which is given at the beginning of the junior year;
7. Have spent a minimum of one year, or two semesters, in residence at Madison College, and have earned a minimum of thirty-two semester hours of credit during one year in residence;
8. Be a student at Madison College during the semester in which the requirements for the degrees are completed;
9. Attend the commencement exercises;
10. Meet the requirements set forth in the catalog of the year of his re-entrance, if he has previously withdrawn from the College.

A student expecting to graduate at the end of any semester must file a *written application with the Registrar at the beginning of that semester.*

Responsibility for meeting the requirements for graduation rests with the student.

Teachers' Certificates

Students who receive a grade below "C" on student teaching will not be eligible for a teaching certificate. Students expecting to graduate in the teaching curricula should consult with the Registrar during the last semester in residence regarding the procedure to be followed in applying for a Virginia teaching certificate. They should consult the State Board of Education Bulletin, "Certification Regulations for Teachers." A teacher's certificate may be extended or renewed by the State Department of Education, subject to the requirements of the State Board of Education. Students who contemplate the renewal, extension, or reinstatement of certificates should write for instructions to the Director, Division of Teacher Education in the State Department of Education at Richmond or to the Registrar of Madison College.

Degrees

Bachelor of Arts: granted upon completion of Curriculum II, as outlined on pages 90-91.

Bachelor of Science: granted upon the completion of Curricula I, III, IV, or V, as outlined on pages 82-89.

Bachelor of Music Education: granted upon the completion of Curriculum VI, as outlined on pages 92-93.

Holders of the above-mentioned degrees are entitled to the Collegiate Professional Certificate upon completion of the professional education courses required by the State Board of Education.

Bachelor of Arts: granted upon the completion of Curriculum VII, as outlined on pages 108-109. Students who want to work toward a degree in the liberal arts and who do not desire to teach may take this degree.

Bachelor of Science: granted upon the completion of Curriculum VIII, as outlined on pages 94-100. Students who want to major in science and who do not desire to teach may take this degree. Curriculum VIII will give pre-professional preparation to students who later study nursing, medical technology, medicine, or dentistry. This degree is also granted upon the completion of Curricula IX, X, and XI, as outlined on pages 101-107.

The Graduate Program

ADMINISTRATION

The Graduate Council of the College has the responsibility of formulating all policies and legislation affecting graduate curricula and work leading to graduate degrees. The Council has full power to make all necessary rules and regulations and to approve candidates for degrees, subject to conformity with policies of the Board of Visitors of the College.

The Dean of the College is chairman and the executive officer of the Graduate Council.

ADMISSION TO GRADUATE STUDY

1. The applicant must possess a bachelor's degree from a college accredited by a recognized regional or national accrediting agency. Application forms for admission to graduate study may be obtained from the Office of the Dean of the College.
2. These forms should be completed and returned to the Office of the Dean at least thirty days before the opening of the term in which the applicant desires to enroll.

3. Each applicant must also submit an official transcript of his undergraduate record and of any graduate work completed. The applicant's record must be approved by the Graduate Council before he is admitted to graduate study.
4. If the undergraduate record shows a deficiency in the proposed major or minor fields of study, the applicant must make up the deficiency by taking such additional courses as may be recommended by the department head and approved by the Graduate Council. Such courses, if required, do not count for graduate credit.
5. Admission to graduate study does not imply admission to candidacy for a degree.

DEGREES OFFERED

The College offers programs of studies leading to the Master of Arts in Education, the Master of Science in Education, and the Master of Science degrees.

DEGREE REQUIREMENTS FOR THE MASTER OF ARTS IN EDUCATION, THE MASTER OF SCIENCE IN EDUCATION, AND THE MASTER OF SCIENCE

Admission to Candidacy. In order to become eligible for admission to candidacy for a Master's degree the graduate student must:

1. Complete nine semester hours of credit in graduate courses taken at Madison College. Of these credit hours at least three must be in the major field and three in the minor field.
2. Submit a score on the Aptitude section of the Graduate Record Examination.
3. File an application for admission to candidacy with the Graduate Council.

When the student has completed the foregoing requirements the Graduate Council will act upon the applicant's request for admission to candidacy.

Academic Requirements. The candidate must complete (a) twenty-four semester hours of graduate work and submit a thesis, or (b) thirty semester hours of graduate work without a thesis, for the degree of Master of Arts in Education or the degree of Master of Science in Education, depending upon the concentration. A candidate who is a graduate of a liberal arts program holding the Collegiate Certificate must earn six additional hours of graduate credit in an approved teaching internship in the public schools under supervision.

Candidates for Master of Arts in Education must select a major or minor in the Humanities, or the social sciences, and the candidate for the Master of Science in Education must select a major or minor in

mathematics, science, and certain special subject fields. A student who is majoring in education may apply for either the Master of Arts in Education or the Master of Science in Education degree.

It is understood that independent research will be required in all programs. The candidate must earn a grade of "B" or better in each course. At least forty per cent of the courses included in the student's program shall be those designated as exclusively for graduate students. No graduate credit will be granted for work done in any course to which undergraduates are admitted unless the student is enrolled in that course as a graduate student.

At least twenty-one semester hours of the student's work (or fifteen semester hours and a thesis) shall be required for the major in subject-matter fields. The minor in subject-matter areas will consist of twelve semester hours of credit.

Students who major in professional education must acquire eighteen semester hours of credit in appropriate courses. Students who major in professional education and whose interests are in secondary education must earn for a minor at least twelve semester hours credit in a subject-matter field. The minor in professional education will consist of nine semester hours of work. Students who are majoring in professional education and whose special interests are in elementary education must complete for a minor twelve semester hours credit in one subject-matter field or six semester hours in each of two related subject-matter fields with the approval of the Graduate Council. Either the major or the minor must be in the field of education.

If the applicant does not hold the Collegiate Professional Certificate, or its equivalent, he must obtain such a certificate before the degree is conferred unless excused by the Graduate Council.

Residence Requirements. A student must be in residence at Madison at least two summer terms of six weeks each in which a full load is carried in order to meet the minimum residence requirements for the Master's degree. Evening courses held on the campus will be counted in meeting residence requirements but residence requirements cannot be met by taking only evening classes. The equivalent of at least one academic year of residence is required at Madison with the exception that one summer session of graduate study at another Virginia institution may be accepted toward the residence requirements.

Examination Requirements. A comprehensive examination is required of all students. For those students who submit a thesis the examination will be oral, otherwise, it will be written. In the comprehensive examination the student will be examined only on those courses taken prior to the term in which the comprehensive examination is administered.

A candidate who fails on the comprehensive examination may be permitted a re-examination at the discretion of the student's major department and the Graduate Council. A re-examination cannot be given sooner than the semester following the unsuccessful examination.

Thesis Requirements. A thesis in the major field of interest and completed to the satisfaction of the Student's Advisory Committee and the Graduate Council may be submitted in partial fulfillment of the requirements for the Master's degree.

The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded.

The thesis shall consist of a written interpretation of a body of facts and opinions gained through critical reading and independent research. There must be an adequate analysis of the assembled data. The thesis must be prepared according to the general requirements established by the Graduate Council and must be completed sixty days before the time of graduation to assure the Advisory Committee of its acceptability. Three unbound copies of the thesis must be filed with the Chairman of the Graduate Council not later than thirty days before the date of graduation. An abstract of the thesis of not more than six hundred words is required.

REQUIREMENTS FOR THE MASTER OF SCIENCE DEGREE

Academic Requirements. This degree is available only to students majoring in one of the sciences or mathematics. At the present time biology and mathematics are the only areas in which a student may major in working for this degree. In biology the candidate must complete twenty-four semester hours of graduate work *and submit a thesis*. A minimum of eighteen semester hours must be completed in the major field. The courses constituting the remaining six semester hours in graduate work will be determined by the student's Graduate Advisory Committee in consultation with the student concerned. In mathematics the candidate may elect to complete thirty semester hours of graduate work without a thesis, or he may complete twenty-four semester hours of graduate work and submit a thesis.

No graduate credit will be given for a grade below "B." At least forty per cent of the courses included in the student's program shall be those designated as exclusively for graduate students. No graduate credit will be granted for work done in any course to which undergraduates are admitted unless the student is enrolled in that course as a graduate student. If the applicant does not hold the Collegiate Professional Certificate, or its equivalent, he must obtain such a certificate before the degree is conferred unless excused by the Graduate Council.

STUDENT ADVISORY COMMITTEES

The Graduate Council in cooperation with the student and departments concerned shall name a special Advisory Committee of two faculty members for each student working toward a degree. For the Master of Arts in Education and the Master of Science in Education

degrees, one member of this Committee will be selected from the faculty of the student's major department, and the other one from the department in which the student is minoring. The faculty member from the major department shall serve as chairman of the Advisory Committee.

For the Master of Science degree, the head of the department in which the student is majoring shall serve as chairman of the Advisory Committee. A second member of the major department will complete the committee. The major professor under whom the thesis is being completed must be a member of the committee. The Dean of the College is an ex officio member of all Advisory Committees.

A Graduate Advisory Committee will not be appointed until the student has been admitted to candidacy for a degree.

TIME LIMIT

A graduate student must complete all requirements for the degree within six years from the time he begins his graduate study. The Graduate Council may, however, permit an extension of time because of extenuating circumstances.

CREDITS BY TRANSFER

Not more than six hours of graduate credit from an accredited college or university may be applied to the requirements for the degree upon recommendation of the head of the major department and approval of the Dean of the College. At least six semester hours of the minor must be in graduate courses taken at Madison College. Approval to take graduate courses at other institutions must be obtained prior to enrolling in the courses.

No transfer credit will be allowed for courses taken on the graduate level if previously used as credit towards another degree.

SCHOLARSHIP REQUIREMENTS

The grades given in graduate courses are A, B, C, and F. Graduate students must receive a mark of "B" or better in a course if it is to count in meeting requirements for a Master's degree.

After a student is admitted to candidacy for a Master's degree he is automatically placed on probation as soon as he receives a grade below "C" in any course or a grade of "C" in as many as two courses. The courses need not be taken simultaneously. Probation is a warning that achievement is not satisfactory. A student on probation will not be permitted to continue his graduate work if he earns a grade of "C" or below in any subsequent course.

Petition for special consideration may be filed with the Chairman of the Graduate Council if the student feels that circumstances outside his control prevented him from doing work of higher quality. All such petitions will be acted upon by the Graduate Council.

PROGRAMS OF STUDY

Madison College offers three programs of study leading to the Master of Arts in Education and Master of Science in Education degrees. These programs are:

1. For Teachers in the Elementary School.
2. For Teachers in the Secondary School.
3. For College Graduates who have not completed the necessary courses in professional education to meet certification requirements.

It is strongly recommended that students who enroll in the program for secondary school teachers major in a subject-matter field. Those who enroll in the program for elementary school teachers may also major in a subject-matter field if the backgrounds and needs of the students concerned indicate that such should be done.

Students may major in biology, business education, English, mathematics, music, and social science as well as in professional education. In addition to the aforementioned areas students may minor in art, home economics and science.

The College offers a program for teachers of biology and also a program for teachers of mathematics which lead to the Master of Science degree.

For details concerning the aforementioned programs and requirements for majors see Graduate Bulletin.

MAJOR AND MINOR FIELDS

As the graduate program of the College develops students will have the opportunity to minor in most of the following fields and to major in many of them: art, biology, business education, chemistry, education and psychology, English, geography, history, home economics, mathematics, music, social science and sociology.

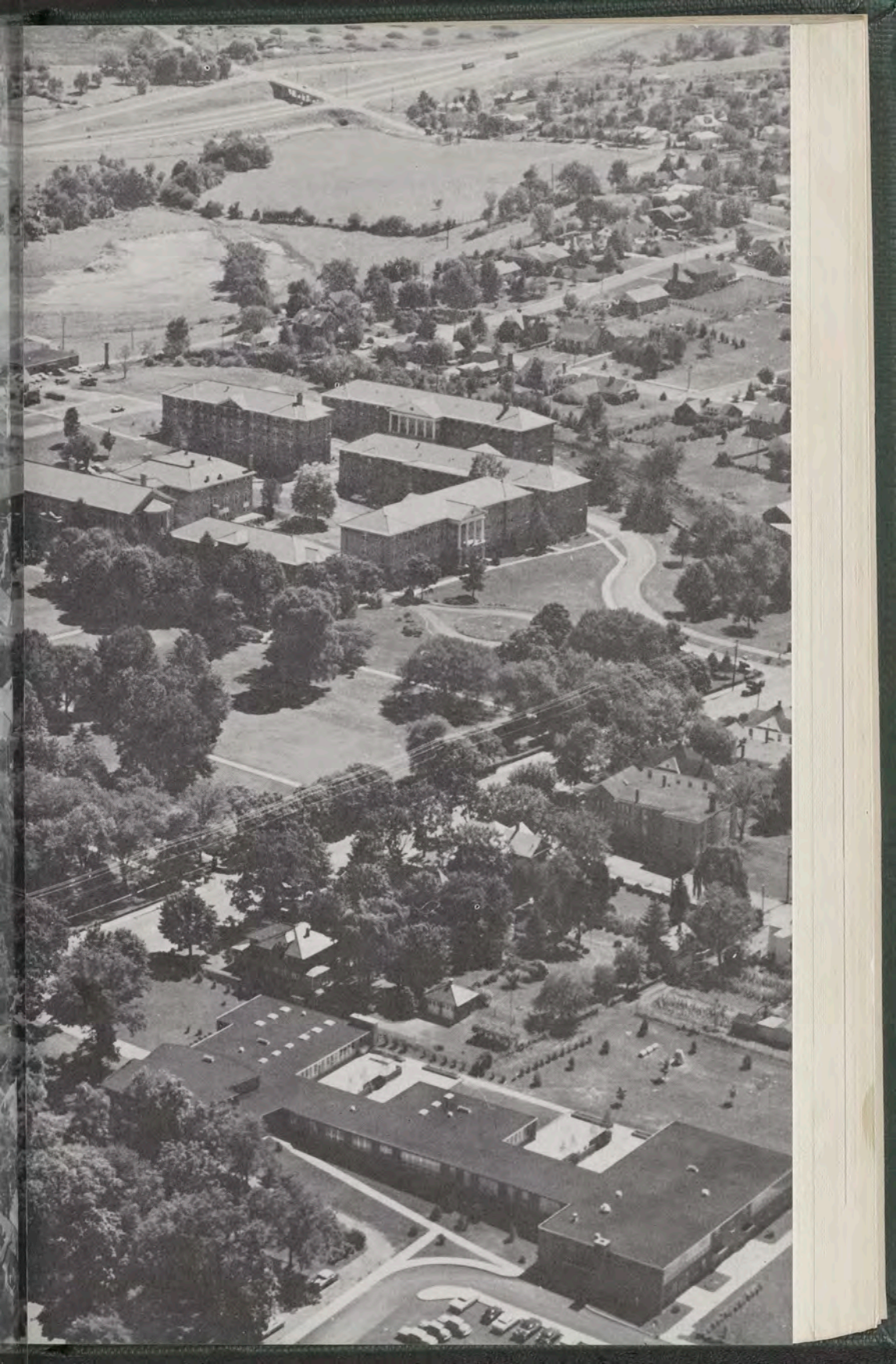
OFFERING

The course offering for the Summer of 1965 is included in the 1965 Summer Session catalog.

van
the
bliss
any
may
not
the
the
ation
art,
the
er of
have
major
ation
the
1965







PART FOUR

The Program of Studies

The next few pages present the courses of study, or *curricula*, which are available to Madison students. Here the student will find information on

BASIC STUDIES

CURRICULA OFFERED

THE CURRICULA

MAJORS AND MINORS

STUDENT TEACHING

The Program of Basic Education

In basic education, as conceived at Madison College, the student explores major areas of human knowledge and experience. He seeks the basis for richer personal living, for intelligent decisions, and for effective action in the contemporary world. From this study he receives impetus and direction toward citizenship in a democracy.

The program of basic education is designed to develop in students those skills, knowledges, and attitudes which will equip them for effective personal and group living and responsible citizenship. Students concentrate on man's physical and biological environment, man's media of communication, the social sciences, physical health, and past and present cultures as expressed in music, art, and literature.

In order that students at Madison College may experience the benefits to be derived from basic education, all four-year students will complete 52 semester hours, unless reduced by exemption examinations.

1. The Humanities, 20 semester hours.
2. The Natural Sciences, 20 semester hours.
3. The Social Sciences, 12 semester hours.

COURSES FROM THE REQUIRED AREAS OF BASIC EDUCATION

Students who believe that they have competent knowledge in any one of these courses may apply to the department of instruction in which the course is given for an exemption test. Upon successful completion of this test a student may choose another course of equal credit as a substitute.

The Humanities (20)

- Art 200. Art in General Culture, p. 114.
 English 101-102. Reading and Composition, p. 118.
 English 233-234. Introduction to Literature, p. 118.
 Music 200. Music in General Culture, p. 135.
 Speech 200. Voice and Diction, p. 122; or Speech 350, Fundamentals of Oral Communication, p. 123; or Speech 359, Public Speaking, p. 123.

The Natural Sciences (20)

- Biology 110. General Biology, p. 143.
and four hours from any one of the following:
 Physical Science 110. General Physical Science, p. 142.
 Chemistry 101-102. General Chemistry, p. 147-148.
 Chemistry 110. Chemistry in the Modern World, p. 148.
 Geology 101-102. Geology, p. 150.

The Natural Sciences—Continued

Geology 110. Geology in the Modern World, p. 150.

Physics 121-122. General Physics, p. 166.

Physics 110. Physics in the Modern World, p. 165-166.

Mathematics 107-108, Fundamentals of Mathematics, p. 151.

or

Mathematics 125-126, Introduction to College Mathematics, p. 151.

Physical Education 140-160, Elementary Dance, Elementary Swimming, p. 159-160.

Physical Education. An intermediate sport and an elective.

Health 200. Personal and Community Health, p. 164.

The Social Sciences (12)

All students are required to take Social Science 233-234, United States History (6 hours), unless exempt by reason of examination, in which case they will be expected to complete six hours in any of the following courses:

Social Science 440. United States History, 1763-1800.

Social Science 450. United States History, 1800-1850.

Social Science 460. United States History Since 1900.

Social Science 470. Civil War and Reconstruction.

The student will select from two of the following groups of courses:

Group One. Economics. (3 hours.)

Social Science 210. Introduction to Economics.

Group Two. Geography. (3 hours.)

Social Science 120. Introduction to Geography.

Group Three. Government. (3 hours.)

Social Science 110. Introduction to Political Science.

Group Four. History. (3 hours.)

Social Science 255. History of Civilization.

Group Five. Sociology. (3 hours.)

Social Science 139. Principles of Sociology, *or*

Social Science 467. Cultural Anthropology.

Majors and Minors in Curricula II, III, VII, and VIII

In the four-year Curricula II, III, VII, and VIII, a major plan has been adopted to give assurance of a fair degree of concentration of the student's work. The student will choose one major. A student may select a minor but one is not required.

Curriculum advisers are assigned to all of these curricula to assist in the selection of suitable combinations of courses and electives, and will work with the student in cooperation with the heads of the departments of major and minor choices. The department head of the major subject will advise in the selection of a suitable minor and related subjects.

MAJORS

Curriculum II

B.A.

Art	Mathematics
Biology	Physics
Chemistry	Psychology
English	Science
French	Social Science
Latin	and History
Library Science	Spanish

Curriculum III

B.S.

Art	Mathematics
Biology	Physical Education
Chemistry	Physics
English	Psychology
French	Science
Health	Social Science
Latin	and History
Library Science	Spanish

Curriculum VII

B.A. in Liberal Arts

Art	Music
Biology	Physics
Chemistry	Psychology
Communication Arts	Science
English	Social Science
French	and History
Latin	Spanish
Mathematics	

Curriculum VIII
B.S. in Liberal Arts

Art	Mathematics
Biology	Music
Chemistry	Physics
Communication Arts	Psychology
English	Science
French	Social Science and History
Health	Spanish
Latin	

MINORS

Minors are not required but are available in these areas:

Curricula II and III

Art	Mathematics
Biology	Physical Education
Chemistry	Physics
Economics	Political Science
English	Psychology
French	General Science
Geography	Sociology
History	Spanish
Latin	Speech
Library Science	

Curricula VII and VIII

Art	Music
Biology	Philosophy
Chemistry	Physical Education
Economics	Physics
English	Political Science
French	Psychology
Geography	General Science
History	Sociology
Latin	Spanish
Mathematics	Speech



Curricula Offered

Madison prepares teachers for kindergarten, primary, grammar grade, junior high school, general high school subject fields, home economics, art, music, physical education, school librarianship, and business education. Our graduates are now successfully teaching at all levels of the public school system and are holding positions as principals, teachers, librarians, and supervisors.

The College also recognizes a duty to prepare women for occupations adapted to women: dietitians, nutrition workers, commercial and home demonstration agents, secretaries, stenographers, nurses (pre-nursing), and homemakers.

In addition, Madison offers the B.A. and B.S. degrees in liberal arts which enable students who are not interested in teaching to get academic training equivalent to that offered in liberal arts colleges. Also students may receive pre-professional education for librarianship, medicine, law, psychology, welfare work, medical technology, and other professions.

Madison College offers the following courses of study:

TEACHER EDUCATION PROGRAMS

Curricula I, III, IV, and V	B.S.	(Pages 82-89)
Curriculum II	B.A.	(Pages 90-91)
Curriculum VI	B.M. Ed.	Music Education (Pages 92-93)

LIBERAL ARTS PROGRAMS

Curriculum VII	B.A.	Liberal Arts (Pages 108-109)
Curriculum VIII	B.S.	Liberal Arts (Pages 94-97)

MEDICAL TECHNOLOGY

Curriculum VIIIA	B.S.	Medical Technology (Pages 98-100)
------------------	------	-----------------------------------

INSTITUTION MANAGEMENT AND GENERAL HOME ECONOMICS

Curriculum IX	B.S.	Institution Management (Pages 101-102)
Curriculum X	B.S.	General Home Economics (Pages 103-104)

BUSINESS

Curriculum XI	B.S.	Business (Pages 104-107)
---------------	------	--------------------------

Bachelor of Science

CURRICULUM I

ELEMENTARY EDUCATION

This curriculum is based upon the conviction that a good elementary teacher must not only understand child growth and the nature of learning but must also be given adequate experience in guiding the learning experiences of children. Because such a teacher also needs a broad background of general or liberal education for his personal satisfaction, this curriculum also provides a wide range of required courses and electives.

A selected concentration of 24 semester hours should include 12 hours or 4 semesters of work beyond the required courses in that area or department. However, in those areas in which there is no required work a concentration may be made up of 18 semester hours. Any student who decides to convert a concentration into a major or minor may do so by proper choices of courses. (A student choosing certification in Special Education, should confer with the Head of the Department of Education and Psychology.)

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 200. Art in General Culture.....	3	0
Eng. 101-102. Reading and Composition.....	3	3
Math. 107-108. Fundamentals of Mathematics.....	3	3
Music 200. Music in General Culture.....	0	3
P. E.....	1	1
Science: Biological (See pages 77-78).....	0	4
Physical (See pages 77-78).....	4	0
S. S. 233-234. United States History.....	3	3
	17	17

SOPHOMORE YEAR

Eng. 233-234. Introduction to Literature.....	3	3
Hth. 200. Personal and Community Health.....	0	2
L. S. 240. Library Resources for Children.....	0	3
P. E.....	1	1
Psy. 233-234. Human Growth and Development.....	3	3
S. S. Elective.....	3	3
S. S. 120. Introduction to Geography.....	3	0
Speech 200. Voice and Diction.....	2	0
Electives.....	—	—
	16	16

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 310. Art Activities in the Elementary School.....	3	0
Ed. 359. Teaching of Reading and Language.....	0	3
Ed. 360. Foundations of Curriculum Development.....	3	0
Ed. 369. Methods and Materials in Teaching in the Elementary Grades.....	0	3
Math. 207. Basic Concepts of Algebra.....	2	0
Math. 208. Intuitive Foundations of Geometry.....	0	2
Music Ed. 375. Music for Children.....	0	3
P. E. 370. Physical Education in the Elementary School..	0	2
Sci. 310. Science in the Elementary School.....	4	0
English elective.....	0	3
Electives.....	—	—
	<hr/>	<hr/>
	16	16

SENIOR YEAR

Ed. 470. History and Philosophy of Educational Thought..	3	0
Ed. 480. Directed Teaching.....	0	6
Electives.....	—	—
	<hr/>	<hr/>
	16	16
Required, 97	Electives, including concentration, 31	Total, 128



CURRICULUM III

SECONDARY EDUCATION

This curriculum is for the preparation of high school teachers. Emphasis may be placed upon science, mathematics, English and social science, or upon physical education, library science, art, or foreign languages. There are courses in psychology and education that lead to certification for teaching. The choices of a major subject will be made from the list on page 79.

Completion of the requirements for this curriculum leads to the Bachelor of Science degree and the Collegiate Professional Certificate, enabling the holder to teach the subjects emphasized.

Students are responsible for meeting specific departmental requirements in their major fields—these will be found in the appropriate section of the catalog.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 200. Art in General Culture	3	0
Eng. 101-102. Reading and Composition	3	3
Math. 107-108. Fundamentals of Mathematics		
<i>or</i>		
Math. 125-126. Introduction to College Mathematics	3	3
Music 200. Music in General Culture	0	3
P. E.	1	1
Science: Biological (See pages 77-78)	4	0
Physical (See pages 77-78)	0	4
Electives	—	—
	16	16

SOPHOMORE YEAR

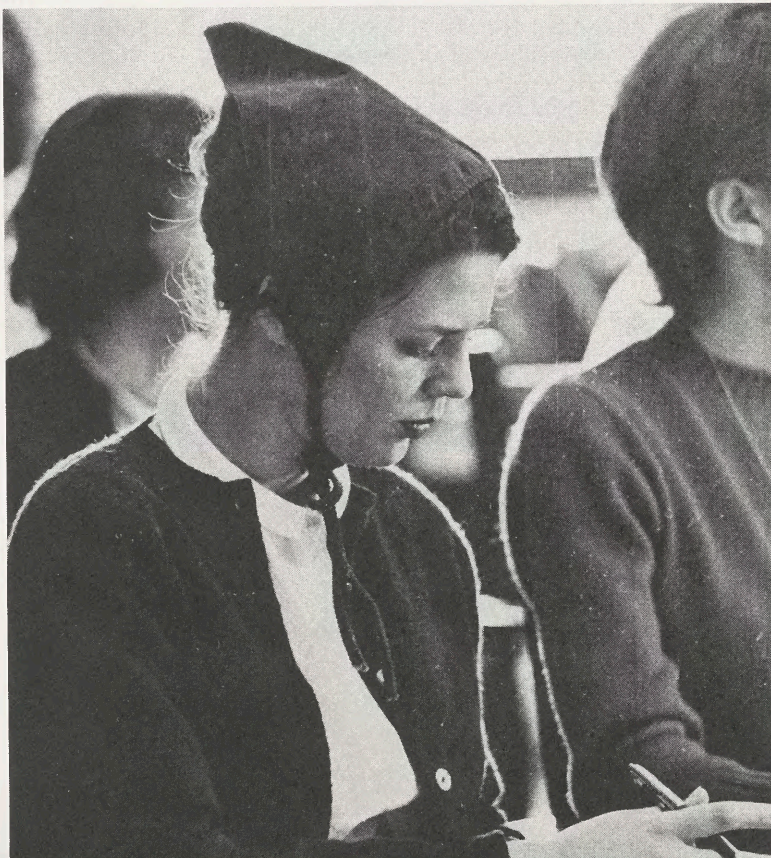
Eng. 233-234. Introduction to Literature	3	3
P. E.	1	1
Psy. 233-234. Human Growth and Development	3	3
Second Science to total twelve semester hours of science	4	0
S. S. 233-234. United States History	3	3
Speech 200. Voice and Diction	0	2
Electives	—	—
	16	16

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Ed. 360. Foundations of Curriculum Development.....	3	0
Hth. 200. Personal and Community Health.....	0	2
Second Social Science to total twelve semester hours of Social Science (See page 78).....	3	3
Electives.....	—	—
	<hr/>	<hr/>
	16	16

SENIOR YEAR

Ed. 370. Methods and Materials in Teaching in the Second- ary School.....	3	0
Ed. 470. History and Philosophy of Educational Thought..	0	3
Ed. 480. Directed Teaching.....	6	0
Electives.....	—	—
	<hr/>	<hr/>
	16	16
Required, 77	Major or Electives, 51	Total, 128



CURRICULUM IV

HOME ECONOMICS EDUCATION

Graduates of this curriculum are certified to teach vocational home economics in high school. The requirements of the Vocational Division of the United States Office of Education and the standards set up by the State Department of Education are fully met. Although this is a specialized curriculum, it is liberal in its content and scope.

Teaching is the largest field of employment for specialists in home economics. However, students wishing to major in both teaching (Curriculum IV) and institution management (Curriculum IX) may arrange to do so by electing work in the two fields and spending one summer session in residence.

In the senior year the half semester block plan is used. One block consists of H. E. Ed. 480C, Directed Teaching. The second block consists of H. E. 470, Home Management Residence.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Eng. 101-102. Reading and Composition.....	3	3
H. E. 133. The Contemporary Family.....	3	0
H. E. 180. Elementary Nutrition.....	0	3
Math. 107-108. Fundamentals of Mathematics		
<i>or</i>		
Math. 125-126. Introduction to College Mathematics....	3	3
P. E.....	1	1
Science: Biological (See pages 77-78).....	4	0
Physical (See pages 77-78)(Chem. 110 recom-		
mended).....	4	0
Speech 200. Voice and Diction.....	2	or 2
Electives.....	—	—
	16	16

SOPHOMORE YEAR

Art 200. Art in General Culture.....	3	0
Art 240. Interior Design.....	0	3
Eng. 233-234. Introduction to Literature.....	3	3
H. E. 140. Foods.....	0	3
H. E. 210-290. Clothing Construction; Textiles.....	3	3
P. E.....	1	1
Phys. 140. Household Physics.....	3	0
Psy. 233-234. Human Growth and Development.....	3	3
	16	16

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Ed. 360. Foundations of Curriculum Development.....	0	3
Hth. 200. Personal and Community Health.....	0	2
H. E. 254. Housing and Equipment.....	0	3
H. E. 310. Clothing for the Family.....	0	3
H. E. 333. Health of the Family.....	3	0
H. E. 380. Advanced Nutrition.....	3	0
H. E. Ed. 303. Home Economics Education.....	3	0
Music 200. Music in General Culture.....	3	0
S. S. 139. Principles of Sociology.....	0	3
S. S. 210. Introduction to Economics.....	3	0
S. S. 233-234. United States History.....	3	3
Electives.....	0	—
	<hr/>	<hr/>
	18	17

SENIOR YEAR

Ed. 470. History and Philosophy of Educational Thought.	3	0
H. E. 300. Child Development.....	3	0
H. E. 320. Consumer Economics.....	3	0
H. E. 330. Family Relations.....	3	0
H. E. 470. Home Management Residence.....	0	4
H. E. Ed. 400. Vocational Home Economics.....	3	0
H. E. Ed. 480C. Directed Teaching..	0	8
Electives.....	—	—
	<hr/>	<hr/>
	16	16
Required, 124	Electives, 4	Total, 128

CURRICULUM V

BUSINESS TEACHER EDUCATION

Curriculum V is designed to prepare teachers of business education for the secondary schools. In addition, it provides training in the non-teaching areas of secretarial science, general clerical and office occupations.

Upon completion of Curriculum V the student receives a B.S. degree in Education and the Collegiate Professional Certificate. The graduate is qualified to meet the four areas of State certification: Stenography, Bookkeeping, Office Organization and Practice, and Basic Business.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Bus. 100. Introduction to Business.....	3	0	
Bus. 121-122. Elementary Shorthand.....	3	3	
Eng. 101-102. Reading and Composition.....	3	3	
Math. 107-108. Fundamentals of Mathematics			
<i>or</i>			
Math. 125-126. Introduction to College Mathematics....	3		3
P. E.....	1		1
S. S. 233-234. United States History.....	3		3
Electives ¹	0		—
		16	16

¹Students who have not completed the equivalent of Bus. 131-132, Elementary and Intermediate Typewriting, must take it as a prerequisite to Bus. 233-234.

SOPHOMORE YEAR

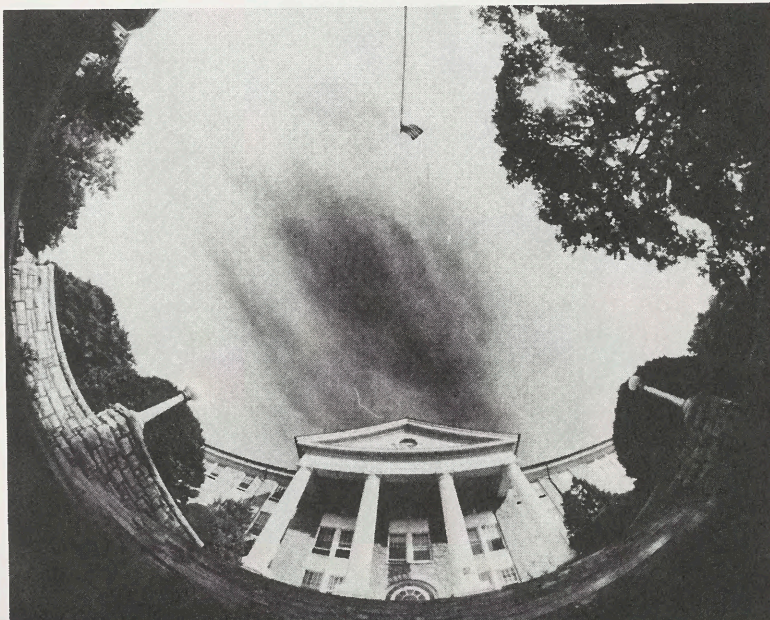
Bus. 223-224. Advanced Shorthand.....	3	3
Bus. 233-234. Advanced Typewriting; Office Procedures..	2	2
Bus. 241-242. Elementary Accounting.....	3	3
P. E.....	1	1
Psy. 233-234. Human Growth and Development.....	3	3
Science: Biological (See pages 77-78).....	4	0
Physical (See pages 77-78).....	0	4
	16	16

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 200. Art in General Culture.....	0	3
Bus. 343-344. Intermediate Accounting.....	3	3
Bus. 360. Office Machines.....	3	0
Bus. Ed. 370. Methods and Materials in Teaching Basic Business.....	0	3
Ed. 360. Foundations of Curriculum Development.....	3	0
Eng. 233-234. Introduction to Literature.....	3	3
S. S. 210-240. Introduction to Economics; Economic Problems.....	3	3
Speech 200. Voice and Diction.....	0	2
	<hr/>	<hr/>
	15	17

SENIOR YEAR

Bus. 330. Business Correspondence.....	0	3
Bus. 487, 488, 496. Marketing; Money and Banking; Salesmanship (2 of the 3 courses).....	3	3
Bus. 495. Business Law.....	0	3
Bus. Ed. 470. Methods and Materials in Teaching Skill Subjects.....	3	0
Ed. 470. History and Philosophy of Educational Thought..	3	0
Ed. 480. Directed Teaching.....	6	0
Hth. 200. Personal and Community Health.....	0	2
Mus. 200. Music in General Culture.....	0	3
Electives.....	<hr/>	<hr/>
	16	16
Required, 126	Electives, 2	Total, 128



Bachelor of Arts

CURRICULUM II

SECONDARY EDUCATION

This is a four-year curriculum for the preparation of high school teachers. Emphasis may be placed upon English, social sciences, and foreign languages, or upon art, library science, mathematics, and science. There are courses in the professional subjects of education, which lead to certification for teaching. The choice of a major subject will be made from a list on page 79.

Upon completion of the work listed below, the student will receive the degree of Bachelor of Arts and the Collegiate Professional Certificate, enabling the holder to teach the subjects emphasized.

Students are responsible for meeting specific departmental requirements in their major fields—these will be found in the appropriate section of the catalog.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 200. Art in General Culture	0	3
Eng. 101-102. Reading and Composition	3	3
Foreign Language	3	3
Math. 107-108. Fundamentals of Mathematics		
<i>or</i>		
Math. 125-126. Introduction to College Mathematics	3	3
Music 200. Music in General Culture	3	0
P. E.	1	1
S. S. 233-234. United States History	3	3
Electives	—	—
	16	16

SOPHOMORE YEAR

Eng. 233-234. Introduction to Literature	3	3
Foreign Language	3	3
P. E.	1	1
Psy. 233-234. Human Growth and Development	3	3
Science: Biological (See pages 77-78)	4	0
Physical (See pages 77-78)	0	4
Electives	—	—
	16	16

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Ed. 360. Foundations of Curriculum Development.....	3	0
Hth. 200. Personal and Community Health.....	2	0
Second Social Science to total twelve semester hours of Social Science (See page 78).....	3	3
Speech 200. Voice and Diction.....	0	2
Electives.....	—	—
	<hr/>	<hr/>
	16	16

SENIOR YEAR

Ed. 370. Methods and Materials in Teaching in the Secondary School.....	3	0
Ed. 470. History and Philosophy of Educational Thought.....	0	3
Ed. 480. Directed Teaching.....	6	0
Electives.....	—	—
	<hr/>	<hr/>
	16	16
Required, 85	Major, or Electives, 43	Total, 128



Bachelor of Music Education

CURRICULUM VI

MUSIC EDUCATION

This curriculum is for students who wish to prepare to teach vocal or instrumental music in the public schools. Upon completion of the requirements set forth below, students will receive the degree of Bachelor of Music Education and will qualify for the Collegiate Professional Certificate for the teaching of music from the Virginia State Board of Education or for a similar certificate in most other states. Students may also gain music skills required for church music, for private music teaching, or for work in a phase of the music industry.

Curriculum VI stresses three aspects of this preparation: comprehensive training in the skills, knowledges, and literature of music; general academic background; and understanding of the principles, procedures, and materials for effective teaching. The stress on musical skills includes, through private and class instruction, a major emphasis on some one area of musical performance—voice, piano, organ, or other instrument, and a minor in another area. It includes also an elementary knowledge of piano, voice, and one instrument of the brass and woodwind groups.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Eng. 101-102. Reading and Composition.....	3	3
Music 105. Instrumental Music (Percussion).....	0	1
Music 107-108. Instrumental Music (Strings).....	1	1
Music 141-142. Theory I.....	4	4
Music 200. Music in General Culture.....	3	0
S. S. 233-234. United States History.....	3	3
P. E.....	1	1
Ensemble Elective.....	0	1
Applied Music Electives.....	2	3
	17	17

SOPHOMORE YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Eng. 233-234. Introduction to Literature.....	3	3	
Math. 107-108. Fundamentals of Mathematics			
<i>or</i>			
Math. 125-126. Introduction to College Mathematics....	3		3
Music 207-307 or Music 305-306. Instrumental Music (Brass and Woodwind).....	1		1
Music 241-242. Theory II.....	4		4
P. E.....	1		1
Psy. 233-234. Human Growth and Development.....	3		3
Ensemble Elective.....	0		1
Applied Music Electives.....	2		2
	<hr/>	<hr/>	
	17		18

JUNIOR YEAR

Art 200. Art in General Culture.....	0	3
Music 327-328. Conducting.....	1	1
Music 345-346, or 347-348, or 355-356, or Music 340 and Lang. Dict.....	2	2
Music 365-366. Music History.....	3	3
Music Ed. 375. Music for Children.....	3	0
Science: Biological (See pages 77-78).....	4	0
Physical (See pages 77-78).....	0	4
Speech 200. Voice and Diction.....	2	0
Ensemble Elective.....	0	1
Applied Music Electives.....	2	3
	<hr/>	<hr/>
	17	17

SENIOR YEAR

Ed. 360. Foundations of Curriculum.....	3	0
Ed. 470. History and Philosophy of Educational Thought.	0	3
Ed. 480. Directed Teaching.....	6	0
Hth. 200. Personal and Community Health.....	0	2
Music Ed. 376. Music for Youth.....	0	3
Second Social Science to total twelve semester hours of Social Science (See page 78).....	3	3
Ensemble Elective.....	0	1
Applied Music Electives.....	2	3
	<hr/>	<hr/>
	14	15
Required, 109	Music Electives, 23	Total, 132

Bachelor of Science

CURRICULUM VIII

LIBERAL ARTS

In this curriculum, work in science is emphasized, although students may specialize in a number of other fields. Students will choose a major from the list of subjects on page 80.

Graduates of this curriculum are prepared to undertake graduate work along the lines of their college preparation, provided electives and the major are chosen wisely, and the student has a good rating. Those students planning to go to graduate school are advised to include a language among their electives.

Subject to the approval of the Curriculum Adviser and the Dean of the College, not more than 12 semester hours of credit may be earned in the professional or semi-vocational fields; library science, education, physical education, business education, and home economics. Vocational courses taken in the freshman year as part of the program for freshmen will also be accepted in the 12 hours noted above.

PRE-MEDICAL AND PRE-DENTAL PROGRAMS

The pre-medical or pre-dental student should enroll in Curriculum VIII and plan a program in consultation with his curriculum adviser.

Although colleges of medicine and of dentistry differ in their specific entrance requirements, all of them emphasize the importance of exceptional ability, marked aptitude in science, and outstanding achievement in pre-medical college education. A student who plans to apply for admission to a particular college of medicine or of dentistry should familiarize himself with the requirements of that college and consult his curriculum adviser concerning the program of courses that he should undertake at Madison.

Most medical schools require at least three years of college preparation, and prefer that their candidates have the full four years with the bachelor's degree. It is also to the advantage of pre-dental students to obtain a college degree. Medical and dental schools specify a minimum amount of biology, chemistry, mathematics, and physics, but they want the pre-medical student to obtain a broad cultural background in such fields as literature, social science, psychology, philosophy, and the fine arts.

Students are responsible for meeting specific departmental requirements in their major fields—these will be found in the appropriate section of the catalog.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bio. 110-120. General Biology.....	4	4
Eng. 101-102. Reading and Composition.....	3	3
Hth. 200. Personal and Community Health.....	0	2
Math. 125-126. Introduction to College Mathematics....	3	3
P. E.....	1	1
Physical Science (See pages 77-78).....	4	4
Speech 200. Voice and Diction.....	2	0
	<hr/>	<hr/>
	17	17

SOPHOMORE YEAR

Art 200. Art in General Culture.....	0	3
Music 200. Music in General Culture.....	3	0
Eng. 233-234. Introduction to Literature.....	3	3
P. E.....	1	1
Psy. 231-232. General Psychology.....	3	3
Electives.....	—	—
	<hr/>	<hr/>
	16	16

JUNIOR YEAR

Phil. 240. Introduction to Philosophy, and an advanced elective.....	3	3
Science elective.....	3	3
S. S. 233-234. United States History.....	3	3
Electives.....	—	—
	<hr/>	<hr/>
	16	16

SENIOR YEAR

Second Social Science to total twelve semester hours of Social Science (See page 78).....	3	3
Electives.....	—	—
	<hr/>	<hr/>
	16	16

Required, 78

Major, Minor, or
Electives, 50

Total, 128

CURRICULUM VIII

PRE-SOCIAL WORK

This program is planned for those students interested in a career in social service.

Graduates of this program are prepared to undertake graduate work in a professional school of social work or employment in a public welfare agency. Those students planning to attend graduate school should consider including a foreign language among their electives and additional courses in biology.

Students are responsible for meeting the program requirements as well as the general education requirements. In addition to the thirty-two semester hours required for this program, students will select at least ten semester hours from any of the following: Psy. 369, Psychology of Early Childhood; Psy. 486, Trends in Modern Psychology; S. S. 360, Modern Social Movements; S. S. 425, Crime and Delinquency; S. S. 435, Race and Minority Relations; H. E. 320, Consumer Economics; Hth. 306, Health Problems of Young Adults; and P. E. 286, Camp Leadership.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bio. 110-120. General Biology.....	4	4
Eng. 101-102. Reading and Composition.....	3	3
Hth. 200. Personal and Community Health.....	0	2
P. E.....	1	1
S. S. 139. Principles of Sociology.....	3	0
S. S. 250. Social Problems.....	0	0
Speech 200. Voice and Diction.....	2	3
Electives.....	—	—
	<hr/>	<hr/>
	16	16

SOPHOMORE YEAR

Eng. 233-234. Introduction to Literature.....	3	3
Math. 125-126. Introduction to College Mathematics....	3	3
P. E. 285. Community Recreation.....	0	2
P. E.....	1	1
Psy. 231-232. General Psychology.....	3	3
S. S. 233-234. United States History.....	3	3
S. S. 468. Community Organization.....	3	0
Elective.....	—	—
	<hr/>	<hr/>
	16	16

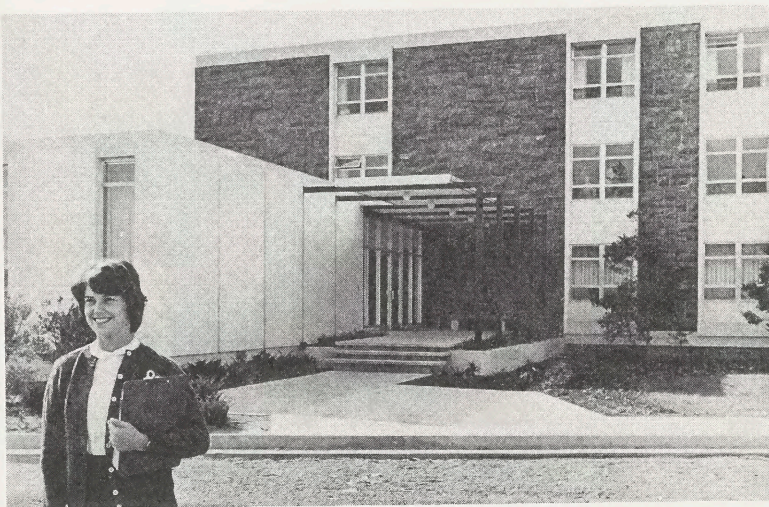
JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 200. Art in General Culture.....	3	0
Hth. 314. Introduction to Public Health.....	0	3
H. E. 330. Family Relations.....	0	3
Mus. 200. Music in General Culture.....	0	3
Phil. 240. Introduction to Philosophy, and an advanced elective.....	3	3
Psy. 357. Psychology of Personality.....	3	0
Psy. 358. Abnormal Psychology.....	0	3
Psy. 487. Social Psychology.....	3	0
S. S. 387. Social Welfare.....	0	3
Electives.....	—	—
	16	16

SENIOR YEAR

Psy. 488. Mental Tests and Measurements.....	3	0
Electives totaling ten semester hours in courses appropriate to the Social Work Program.....	5	5
Science (4 must be a Physical Science; Biology recommended for the other 4).....	4	4
Electives.....	—	—
	16	16

Required, 98	Restrictive Electives, 10	Total, 128
	Free Electives, 20	



CURRICULUM VIII-A

MEDICAL TECHNOLOGY

This is a four-year program leading to the Bachelor of Science degree in Medical Technology. It is offered cooperatively with the School of Medicine of the University of Virginia and other hospitals on the approved list of the Council of Medical Education and Hospitals of the American Medical Association and the Board of Schools of Medical Technology of the American Society of Clinical Pathologists.

The degree is conferred by Madison College upon the successful completion of the following three-year program at the College and one academic year at an approved school of medical technology. (No transfer students will be admitted to this curriculum.) Upon completion of the full twelve months course in medical technology, the student is given a diploma by the hospital and becomes eligible for the national examination for certification by the Registry of Medical Technologists of the American Society of Clinical Pathologists.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Biol. 110-120. General Biology	4	4
Chem. 101-102. General Chemistry	4	4
Eng. 101-102. Reading and Composition	3	3
Math. 125-126. Introduction to College Mathematics	3	3
P. E.	1	1
Electives	—	—
	<hr/>	<hr/>
	16	16

SOPHOMORE YEAR

Bio. 270. Human Physiology	3	0
Bio. 280. Bacteriology	0	4
Chem. 237. Organic Chemistry	3	0
Chem. 238. Biochemistry	0	3
Eng. 233-234. Introduction to Literature	3	3
P. E.	1	1
Psy. 231-232. General Psychology	3	3
S. S. 233-234. United States History	3	3
	<hr/>	<hr/>
	16	17

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 200. Art in General Culture.....	3	0
Bio. Elective. (Anatomy, Histology, Embryology, Zoology)	3	3
Chem. 356. Quantitative Analysis.....	0	4
Hth. 200. Personal and Community Health.....	2	0
Music 200. Music in General Culture.....	0	3
Phil. 240. Introduction to Philosophy, and an advanced elective.....	3	3
Second Social Science to total twelve semester hours of Social Science (See page 78).....	3	3
Speech 200. Voice and Diction.....	2	0
Electives.....	—	—
	16	16
Required, 95	Electives, 1	Total, 96

SENIOR YEAR

The fourth year of this program consists of twelve months at the School of Medicine of the University of Virginia or some other School of Medical Technology approved by the American Medical Association and American Society of Clinical Pathologists.

To enter a School of Medical Technology, a separate application must be made by the student. A list of approved schools of medical technology is on file in the office of the Director of the Division of Natural Sciences.

PRE-NURSING

Pre-nursing students should enroll in Curriculum VIII. The University of Virginia School of Nursing offers a program in nursing leading to the Bachelor of Science in Nursing degree. Students may complete two nine-month winter sessions at Madison College, and the remainder of the period of study at the University of Virginia. Following the first session at Madison, students will attend a summer session at the University, which will be designed to give an insight into actual bedside nursing. (No transfer students will be admitted to this curriculum.)

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bio. 110-120. General Biology.....	4	4
Chem. 101-102. General Chemistry.....	4	4
Eng. 101-102. Reading and Composition.....	3	3
Hth. 200. Personal and Community Health.....	0	2
P. E.....	1	1
S. S. 233-234. United States History.....	3	3
	15	17

SOPHOMORE YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bio. 270. Human Physiology.....	0	3
Bio. 280. Bacteriology.....	4	0
Bio. 290. Anatomy.....	4	0
Eng. 233-234. Introduction to Literature.....	3	3
H. E. 180. Elementary Nutrition.....	0	3
P. E.....	1	1
Psy. 231-232. General Psychology.....	3	3
S. S. 139. Principles of Sociology.....	3	0
S. S. 250. Social Problems.....	0	3
	18	16



CURRICULUM IX

INSTITUTION MANAGEMENT

This curriculum meets the academic requirements set up by the American Dietetic Association. While this course is a professional course for food administrators, it is broad in its content and scope. The demand for this type of training far exceeds the trained personnel available.

Graduates are eligible for entrance as dietetic interns in hospitals and administrative courses approved by the American Dietetic Association. There need be no additional expense for this year of internship. Some of these courses carry a satisfactory stipend. This year of successful apprentice training gives the graduate active membership in the A.D.A. and enables her to accept a full time position as a graduate dietitian.

College graduates without this year of internship are in demand for positions in school lunch rooms, small hospitals, transportation companies, and welfare agencies.

In the senior year the half semester block plan is used. One block consists of H. E. 467, Supervised Institution Management; the second block consists of H. E. 470, Home Management Residence.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bio. 110. General Biological Science	0	4
Chem. 101-102. General Chemistry	4	4
Eng. 101-102. Reading and Composition	3	3
H. E. 133. The Contemporary Family	3	0
H. E. 140-180. Foods; Elementary Nutrition	3	3
P. E.	1	1
Electives, Restrictive	—	—
	<hr/>	<hr/>
	16	16

SOPHOMORE YEAR

Bio. 270-280. Human Physiology and Bacteriology	3	4
Chem. 237. Organic Chemistry	3	0
Chem. 238. Biochemistry	0	3
Eng. 233-234. Introduction to Literature	3	3
Math. 107-108. Fundamentals of Mathematics		
<i>or</i>		
Math. 125-126. Introduction to College Mathematics	3	3
P. E.	1	1
Psy. 233-234. Human Growth and Development	3	3
	<hr/>	<hr/>
	16	17

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	1st	2nd
H. E. 254. Housing and Equipment	0	3
H. E. 300. Child Development	3	0
H. E. 333. Health of the Family	3	0
H. E. 380. Advanced Nutrition	0	3
H. E. 443. Experimental Foods	3	0
H. E. 444. Advanced Foods	0	3
Music 200. Music in General Culture	3	0
S. S. 139. Principles of Sociology	0	3
S. S. 210. Principles of Economics	3	0
S. S. 233-234. United States History	3	3
Speech 200. Voice and Diction	0	2
Electives	—	—
	<hr/>	<hr/>
	18	17

SENIOR YEAR

Art 200. Art in General Culture	0	3
Bus. 489. Personnel Administration	0	3
Hth. 200. Personal and Community Health	0	2
H. E. 320. Consumer Economics	3	0
H. E. 330. Family Relations	0	3
H. E. 463. Institution Equipment	2	0
H. E. 465. Institution Organization	2	0
H. E. 467. Directed Institution Management	6	0
H. E. 470. Home Management Residence	4	0
H. E. 484. Diet Therapy	0	3
Electives	—	—
	<hr/>	<hr/>
	17	16
Required, 128	Total, 128	

CURRICULUM X

GENERAL HOME ECONOMICS

This curriculum is planned to give greater possibility for electives than is advisable in professional home economics Curricula IV and IX. Special emphasis is placed upon preparation for the responsibilities of homemaking and family living. Courses designed to acquaint the student with family relationship, child development, and health of the family are offered. The curriculum also offers opportunities for preparation for income earning in such fields as home economics in business, journalism, radio, television, demonstration work, social welfare, merchandising, and government.

This curriculum does not meet the requirements for professional qualifications in teaching or dietetics. However, it is possible for a student to transfer into either Curriculum IV or IX without loss of credits.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Eng. 101-102. Reading and Composition.....	3	3
H. E. 133. The Contemporary Family.....	3	0
H. E. 180. Elementary Nutrition.....	0	3
Math. 107-108. Fundamentals of Mathematics		
<i>or</i>		
Math. 125-126. Introduction to College Mathematics....	3	3
P. E.....	1	1
Science: Biological (See pages 77-78).....	4	0
Physical (See pages 77-78)(Chem. 110 recom- mended).....	0	4
Electives.....	—	—
	<hr/>	<hr/>
	16	16

SOPHOMORE YEAR

Art 200. Art in General Culture.....	3	0
Art 240. Interior Design.....	0	3
Eng. 233-234. Introduction to Literature.....	3	3
H. E. 140. Foods.....	0	3
H. E. 210-290. Clothing Construction; Textiles.....	3	3
P. E.....	1	1
Phys. 140. Household Physics.....	3	0
Psy. 231-232. General Psychology, <i>or</i>	3	3
(See course description of Psy. 233-234, page 201)		
	<hr/>	<hr/>
	16	16

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Hth. 200. Personal and Community Health.....	0	2
H. E. 254. Housing and Equipment.....	3	0
H. E. 300. Child Development.....	3	0
H. E. 330. Family Relations.....	0	3
H. E. 333. Health of the Family.....	3	0
H. E. 380. Advanced Nutrition.....	0	3
Music 200. Music in General Culture.....	3	0
S. S. 233-234. United States History.....	3	3
Speech 200. Voice and Diction.....	0	2
Electives.....	—	—
	16	16

SENIOR YEAR

H. E. 320. Consumer Economics.....	3	0
H. E. 470. Home Management Residence.....	4	0
Home Economics and/or Art.....	0	6
S. S. 139. Principles of Sociology.....	0	3
S. S. 210. Introduction to Economics.....	3	0
Electives.....	—	—
	16	16
Required, 101	Restricted Electives, 6	Total, 128
	Free Electives, 21	

CURRICULUM XI

BUSINESS

Curriculum XI is a professional, non-teaching curriculum designed for those preparing for careers as secretaries, office occupations, or accountants. Two majors are offered. Plan I provides for a four-year secretarial degree. Plan II provides for a four-year business administration-accounting degree.

The secretarial major provides specialized training to prepare the student for jobs as secretaries, office supervisors, and general clerical workers.

The business administration-accounting major provides specialized training to prepare students for positions as office managers, personnel workers, bookkeepers and accountants.

PLAN I—SECRETARIAL MAJOR

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bus. 100. Introduction to Business.....	3	0
Bus. 121-122. Elementary Shorthand.....	3	3
Eng. 101-102. Reading and Composition.....	3	3
Math. 107-108. Fundamentals of Mathematics		
<i>or</i>		
Math. 125-126. Introduction to College Mathematics....	3	3
P. E.....	1	1
S. S. 233-234. United States History.....	3	3
Electives ¹	—	—
	16	16

¹Students who have not completed the equivalent of Bus. 131-132, Elementary and Intermediate Typewriting, must take it as a prerequisite to Bus. 233-234.

SOPHOMORE YEAR

Art 200. Art in General Culture.....	3	0
Bus. 223-224. Advanced Shorthand.....	3	3
Bus. 233-234. Advanced Typewriting; Office Procedure...	2	2
Bus. 241-242. Elementary Accounting.....	3	3
P. E.....	1	1
Science: Biological (See pages 77-78).....	4	0
Physical (See pages 77-78).....	0	4
Speech 200. Voice and Diction.....	0	2
Elective.....	0	—
	16	16

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bus. 300. Introduction to Management.....	3	0
Bus. 330. Business Correspondence.....	3	0
Bus. 340. Data Processing for Business.....	0	3
Bus. 343-344. Intermediate Accounting.....	3	3
Eng. 233-234. Introduction to Literature.....	3	3
Hth. 200. Personal and Community Health.....	2	0
Music 200. Music in General Culture.....	0	3
Psy. 231-232. General Psychology.....	3	3
(See course description of Psy. 231-232, page 201)		
Electives.....	—	—
	16	16

SENIOR YEAR

Bus. 360. Office Machines	3	0
Bus. 378. Dictation and Transcription	0	3
Bus. 487. Marketing	3	0
Bus. 495. Business Law	0	3
S. S. 210-240. Introduction to Economics; Economic Problems	3	3
Electives	—	—
	<hr/>	<hr/>
	16	16
Required, 114	Electives, 14	Total, 128

PLAN II—BUSINESS ADMINISTRATION WITH ACCOUNTING BACKGROUND

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	1st	2nd
Art 200. Art in General Culture	3	0
Bus. 100. Introduction to Business	0	3
Bus. 131-132. Elementary and Intermediate Typewriting	2	2
Bus. 241-242. Elementary Accounting	3	3
Eng. 101-102. Reading and Composition	3	3
Math. 107-108. Fundamentals of Mathematics		
<i>or</i>		
Math. 125-126. Introduction to College Mathematics	3	3
P. E.	1	1
Electives	—	—
	<hr/>	<hr/>
	16	16

SOPHOMORE YEAR

	<i>Credits per Semester:</i>	
	1st	2nd
Bus. 343-344. Intermediate Accounting	3	3
Mus. 200. Music in General Culture	0	3
Psy. 231-232. General Psychology	3	3
(See course description of Psy. 231-232, page 201)		
Science: Biological (See pages 77-78)	4	0
Physical (See pages 77-78)	0	4
S. S. 233-234. United States History	3	3
Speech 200. Voice and Diction	2	0
Electives	—	—
	<hr/>	<hr/>
	16	16

JUNIOR YEAR

Bus. 300. Introduction to Management.....	0	3
Bus. 330. Business Correspondence.....	0	3
Bus. 360. Office Machines.....	3	0
Bus. 377. Federal Income Tax Accounting.....	3	0
Bus. 487. Marketing.....	3	0
Eng. 233-234. Introduction to Literature.....	3	3
Hth. 200. Personal and Community Health.....	0	2
P. E.....	1	1
S. S. 210-240. Introduction to Economics; Economic Problems.....	3	3
Electives.....	—	—
	<hr/>	<hr/>
	16	16

SENIOR YEAR

Bus. 340. Data Processing for Business.....	3	0
Bus. 445-446. Advanced Accounting.....	3	3
Bus. 488. Money and Banking.....	0	3
Bus. 489-496. Personnel Administration or Salesmanship..	0	3
Bus. 495. Business Law.....	0	3
Electives.....	—	—
	<hr/>	<hr/>
	16	16
Required, 110	Electives, 18	Total, 128



Bachelor of Arts

CURRICULUM VII

LIBERAL ARTS

This curriculum enables students not primarily interested in teaching to secure academic training equivalent to that offered in a liberal arts college. It provides students with a broad, cultural education and at the same time enables them to secure pre-professional preparation for such fields as library science, psychiatry, personnel work, social welfare, medicine, law, and other professions. A major may be chosen from the subjects listed on page 79.

Subject to the approval of the Curriculum Adviser and the Dean of the College, not more than 12 semester hours of credit may be earned in the professional or semi-vocational fields: library science, education, physical education, business education, and home economics. Vocational courses taken in the freshman year as part of the program for freshmen will also be accepted in the 12 hours noted above, in case a student transfers from one curriculum to another.

Students are responsible for meeting specific departmental requirements in their major fields—these will be found in the appropriate section of the catalog.

FRESHMAN YEAR

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
Art 200. Art in General Culture.....	3	0	
Eng. 101-102. Reading and Composition.....	3	3	
Foreign Language (French, German, Latin, Spanish).....	3	3	
Math. 125-126. Introduction to College Mathematics....	3	3	
Music 200. Music in General Culture.....	0	3	
P. E.....	1	1	
Electives.....	—	—	
		<hr/>	<hr/>
		16	16

SOPHOMORE YEAR

Eng. 233-234. Introduction to Literature.....	3	3
Foreign Language.....	3	3
P. E.....	1	1
Psy. 231-232. General Psychology.....	3	3
Science: Biological (See pages 77-78).....	4	0
Electives.....	—	—
		<hr/>
		16
		<hr/>
		16

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Foreign Language.	3	3
Hth. 200. Personal and Community Health.	0	2
Second Science.	4	4
S. S. 233-234. United States History.	3	3
Speech 200. Voice and Diction.	0	2
Electives.	—	—
	<hr/>	<hr/>
	16	16

SENIOR YEAR

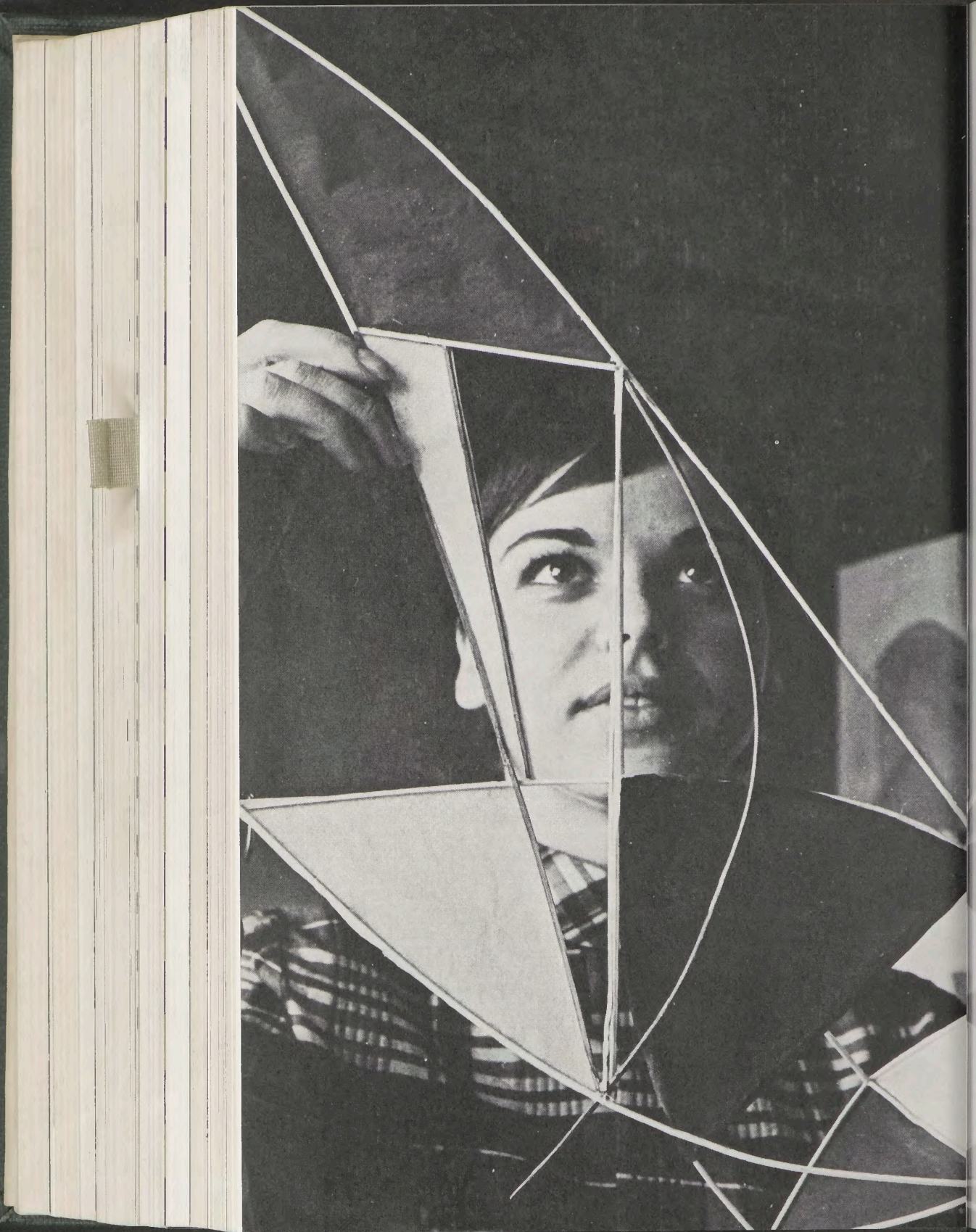
Phil. 240. Introduction to Philosophy, and an advanced elective.	3	3
Second Social Science to total twelve semester hours of Social Science (See page 78).	3	3
Electives.	—	—
	<hr/>	<hr/>
	16	16
Required, 86	Major, or Electives, 42	Total, 128

STUDENT TEACHING (CURRICULA I-VI)

Provision for student teaching is an important function of the College. Students preparing to teach should have the opportunity of gaining valuable practical experiences in solving problems which will confront them when they enter the teaching profession. Therefore, student teaching is required of all students who are enrolled in a curriculum leading toward teaching.

In the student teaching program, the student teachers first observe the work of skilled teachers, and then they are gradually given charge of the classroom and are held responsible for instruction and guidance of the pupils. Throughout their entire period of teaching, the students are closely supervised by skilled teachers who observe their work and instruct them in the methods used. The Director of Laboratory School Experiences coordinates the programs, assigns all student teachers to their places, and helps to plan and supervise their work. The College Supervisors have the primary responsibility for supervising the work of the student teachers. Students are given the opportunity to teach in their major area or special field.

Student teachers who live on the campus are assigned to the public schools of Harrisonburg, Anthony-Seeger Campus School, or Rockingham County. Many student teachers live off campus and teach in public schools within a distance of 125 miles.



PART FIVE

The Divisions, the Departments and Courses of Instruction

IMPORTANT NOTE TO STUDENTS

Courses whose numbers end in 1-2 and 3-4 are year courses, both semesters of which must be completed before credit is given.

Courses whose numbers end in 5-6 and 7-8 may be elected in part or in whole, except that frequently the second semester's work may not be taken unless the student has received credit for the first semester's work.

Courses whose numbers end in 0 or 9 may be given in either or both semesters in the academic year.

College Divisions and their Departments are the functioning units in the instructional part of the school. The Departments offer many courses in the following fields

BASIC STUDIES

TEACHER EDUCATION

LIBERAL ARTS

SPECIALIZED EDUCATION

Divisions of Instruction

The faculty of the College, for purposes of closer association in such matters as administration, instruction, curriculum and research, is organized by Divisions and Departments as follows:

THE DIVISION OF THE HUMANITIES

LOUIS GLENN LOCKE, *Director*

This division includes the departments of Art; English Language, Literature and Speech, General Philosophy; Foreign Languages; and Music.

THE DIVISION OF THE NATURAL SCIENCES

J. EMMERT IKENBERRY, *Director*

This division includes the departments of Biology, Chemistry, Geology, Mathematics, Physics, and Physical and Health Education.

THE DIVISION OF THE SOCIAL SCIENCES

ELMER L. SMITH, *Director*

This division includes the departments of Business Education, History and Social Science, Library Science, and Home Economics.

THE DIVISION OF TEACHER EDUCATION

CHARLES G. CALDWELL, *Director*

This division includes the department of Education and Psychology, the supervisors responsible for laboratory experiences for teachers, and a representative from each department that offers a major or minor or an area of concentration for students in the teaching curricula.

Division of the Humanities

MR. LOCKE, *Director*

Art

MISS THEODORE, *Head of the Department*

MISS ATWOOD, MR. BEER, MR. DILLER, MISS GROVE,
AND MR. THOMAS

The Department of Art is organized for these purposes: to prepare students to be teachers or supervisors of art on either the elementary or secondary level; to provide a balanced background for talented students who wish to build a foundation for a career and/or advanced study in art; and to combine art with academic studies as a broad basis for general education on the college level.

The minimum requirement for a *major* in art is forty-two semester hours including Art 200, subject to the approval of the head of the department. A *minor* includes a minimum of eighteen semester hours, subject to the approval of the head of the department. Prerequisites must be observed unless the student can show evidence of equivalent disciplines.

For certification by the Virginia State Board of Education, these requirements must be fulfilled:

- Art.....24 semester hours
- I. Fundamental Principles of Design.....9 semester hours
Creative practice in the arts with emphasis on design as it functions in drawing, painting, posters and illustration, interiors, advertising, architecture, city planning, and textiles.
(To be chosen from 143, 150, 160, 240, 244, 254, 345, 354, 366, 460, 464.)
 - II. Modeling, Ceramics, Carving, Mobiles and Constructions, Handicrafts.....9 semester hours
(To be chosen from 123, 224, 235, 333.)
 - III. History and Appreciation of Art.....6 semester hours
(To be chosen from 200, 205, 306, 405, 484.)

The Art Department reserves the right to retain permanently one work from each student in each class. The disposition of these works will be decided by the art staff. Other works may be held temporarily for use in specific exhibitions. These will be available to owners no later than two years after the lending date.

ART 123. *Introductory Crafts*. 1st semester; 1 single and 2 double periods a week; 3 credits.

An approach to crafts with emphasis on design. Creative use of materials and techniques. (This course was offered formerly as Art 26.)

ART 143. *Design*. 1st semester; 1 single and 2 double periods a week; 3 credits.

Basic problems in two- and three-dimensional design in a variety of materials; study of the organic quality of materials in relation to design potentials; analysis of the visual elements of art. (This course was offered formerly as Art 15.)

ART 150. *Drawing*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

An introductory course composed of problems in landscape, perspective, figure and still-life in several media. (This course was offered formerly as Art 16.)

ART 160. *Introductory Painting*. Offered each semester; 2 triple periods a week; 3 credits.

For students who have had some experience in drawing. Registration by permission of the instructor. (This course was offered formerly as Art 29.)

ART 200. *Art in General Culture*. Offered each semester; 2 single and 1 double period a week; 3 credits.

An exploratory course which aims to develop a non-technical, general cultural understanding of the space arts, such as architecture, painting, sculpture, and industrial design. Emphasis is on the contemporary. (This course was offered formerly as Art 30.)

ART 205. *Art History: Pre-Renaissance*. 1st semester; 3 periods a week; 3 credits.

A study of sculpture, architecture, painting, and other space arts from prehistoric times to the Renaissance. (This course was offered formerly as Art 65.)

ART 224. *Advanced Crafts*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

A continuation of Art 123 with further investigation and concentration on at least two specific crafts. (This course was offered formerly as Art 58.) *Prerequisites: Art 123, Art 143, Art 200.*

ART 235. *Sculpture*. 1st semester; 3 double periods a week; 3 credits.

Problems in modeling, casting, carving in wood and stone, and welding. (This course was offered formerly as Art 57.) *Prerequisites: Art 143, Art 200.*

ART 240. *Interior Design*. Offered each semester; 2 single and 1 double periods a week; 3 credits.

A creative approach to furnishing living quarters with emphasis on function, character and nature of materials. Survey of periods, with emphasis on the contemporary. (This course was offered formerly as Art 39.) *Prerequisite: Art 200.*

ART 244. *Advanced Design and Composition*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

Study of the elements and principles of design leading to application in specialized fields of art. Analysis of significant works. (This course was offered formerly as Art 25.) *Prerequisites: Art 143, Art 150.*

ART 254. *Advanced Drawing*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

Continuation of Art 150 with emphasis on composition, life drawing and the expressive possibilities of media.

Study of the work of master draughtsmen. *Prerequisite: Art 150.*

ART 306. *Art History: Renaissance*. 2nd semester; 3 periods a week; 3 credits.

A study of the space arts in Occidental cultures during the growth and decline of their respective Renaissance periods. (This course was offered formerly as Art 66.)

ART 310. *Art Activities in the Elementary School*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

A study of the aims and philosophy of art education in the elementary school with emphasis on child growth and development through art. Experience in suitable art techniques. (This course was offered formerly as Art 59.) *Prerequisites: Art 200, Psy. 233-234.*

ART 316. *Teaching of Art in the Secondary School*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

Problems in the teaching and administration of art programs on the secondary level. (This course was offered formerly as Art 68.) *Prerequisites: Twelve semester hours of Art; Psy. 233-234.*

ART 333. *Ceramics*. 1st semester; 1 single and 2 double periods a week; 3 credits.

Laboratory experiences in forming, firing and glazing pottery and ceramic sculpture. (This course was offered formerly as Art 67.) *Prerequisites: Art 143, Art 200.*

ART 345. *Advertising Art and Illustration*. 1st semester; 1 single and 2 double periods a week; 3 credits.

A study of and practice in lettering and layout as applied to cover package and exhibition design. Experience in techniques such as airbrush. (This course was offered formerly as Art 45.) *Prerequisites: Art 143, Art 150, Art 200.* (Offered 1966-67.)

ART 354. *Printmaking*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

Practice in woodcut, etching, aquatint, monoprint, drypoint, and engraving with study of serigraphy and lithography techniques. (This course was offered formerly as Art 55.) *Prerequisites: Art 143, Art 150, Art 244.*

ART 366. *Watercolor*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

Study of and practice in transparent and opaque watercolor techniques. (This course was offered formerly as Art 56.) *Prerequisites: Art 150, Art 244.*

ART 405. *Modern Art*. 1st semester; 3 periods a week; 3 credits.

A survey of art forms and philosophy from the middle of the nineteenth century to the present. (This course was offered formerly as Art 95.)

ART 460. *Painting*. Offered each semester; 2 triple periods a week; 3 credits.

Problems in oil painting with creative and esthetic considerations of picture structure. (This course was offered formerly as Art 85.) *Prerequisites: Art 150, Art 244.*

ART 464. *Painting*. 2nd semester; 2 triple periods a week; 3 credits.

Advanced problems in media selected by the student with the advice of the instructor. (This course was offered formerly as Art 86.) *Prerequisite: Art 460.*

ART 484. *Esthetics*. 2nd semester; 3 single periods a week; 3 credits.

A reflection upon those elements present in works of art, the distinguishing features of those elements, and the activities present in their creation and enjoyment. (This course was offered formerly as Art 88.) (Offered 1966-67.)

ART 490. *Independent Problems*. On demand; 1, 2, or 3 credits.

Advanced research or studio work in any medium selected by the student and approved by the chairman of the department. (This course was offered formerly as Art 99.)

English Language, Literature, and Speech

MR. LOCKE, *Head of the Department*

MISS BRILL, MRS. CORDNER, MR. CURTIS, MR. DAY, MRS. IKENBERRY, MR. LACY, MR. LAHAIE, MR. LEIGH, MRS. O'HARE, MR. RHEIN, MRS. SAWHILL, MRS. SHAFER, MISS SMEAK, MISS STEED, MR. STIRLING, MRS. SWINK, MRS. WILKINS, AND MR. WILSON

Major: Thirty semester hours beyond the General Education requirements (Eng. 101-102; Speech 200, or Speech 350, or Speech 359; Eng. 233-234), distributed as follows:

A. Required courses (18 semester hours):

1. Eng. 235-236
2. Eng. 247-248
3. Eng. 369
4. Eng. 420

B. Elective courses (12 semester hours).

Minor: Fourteen semester hours in General Education: (Eng. 101-102; Speech 200, or Speech 350, or Speech 359; Eng. 233-234); Eng. 235 or Eng. 236 or Eng. 247 or Eng. 248; three additional hours to bring the total number of semester hours to 20. (Attention is called to the fact that this minor is insufficient for a Certification to teach English in Virginia. Endorsement in English requires a minimum of 24 hours, including courses in Advanced Grammar, English Literature, and American Literature. English minors who wish to teach are therefore advised to meet requirements for Certification.)

Major in Communication Arts: A major in Communication Arts is offered only to students enrolled in Curriculum VII or Curriculum VIII. The required courses for the Communication Arts major are as follows:

1. Eng. 330
2. Eng. 315-316
3. Eng. 375-376
4. Speech 249
5. Speech 350
6. Speech 359
7. Speech 365
8. Speech 367-368
9. Phil. 320
10. Art 484

There is no minor in Communication Arts.

ENGLISH 101-102. *Reading and Composition*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

Reviews the principles of grammar and usage in oral and written English, directs reading and analysis of selected examples of prose, and requires frequent compositions with attention to logical relation and arrangement of ideas, and to readability and interest. Procedures are introduced for the effective use of the library and for the preparation of a research paper. (This course was offered formerly as English 1-2.) *Prerequisite for Eng. 233-234 and other advanced courses in English.*

ENGLISH 233-234. *Introduction to Literature*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

An introduction to literature through the study of a limited number of carefully selected examples of poetry, drama, and fiction. (This course was offered formerly as English 33-34.)

ENGLISH 235-236. *Survey of English Literature*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A general survey with readings, lectures, discussions, and reports, presented chronologically from *Beowulf* to modern times. Eng. 236 will begin at the middle of the eighteenth century. (This course was offered formerly as English 35-36.)

ENGLISH 240. *Mythology*. 1st or 2nd semester; 2 periods a week; 2 credits.

An examination of classical mythology and traditional myths in relation to English and American literature. (This course was offered formerly as English 46.)

ENGLISH 247-248. *Survey of American Literature*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A survey presented historically and critically through lectures, outside readings, research papers, and discussions. The first semester extends through the American Renaissance; the second semester concludes with Hemingway and Faulkner. (This course was offered formerly as English 47-48.)

ENGLISH 310. *Chaucer*. 1st semester; 3 periods a week; 3 credits.

A study of *The Canterbury Tales*, with an introduction to *Troilus* and to Chaucer's minor poems. Some attention will also be given the literary work of Chaucer's contemporaries. (This course was offered formerly as English 50.) *Offered alternate years.*

ENGLISH 315-316. *Journalism*.

ENGLISH 315. *News Writing*. 1st semester; 3 periods a week; 3 credits.

An examination of the functions of modern newspaper procedure with practice in gathering news and in writing various types of newspaper articles.

Suggested as a basic course for advisers of high-school publications and for members of the College newspaper staff. (This course was offered formerly as English 65.)

ENGLISH 316. *News Editing*. 2nd semester; 3 periods a week; 3 credits.

The fundamentals of composing room, proof reading, circulation, business office, and photographic laboratory; headlining, make-up, re-writing, and other editorial functions. (This course was offered formerly as English 66.)

ENGLISH 317-318. *World Literature*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A study of the major literary masterpieces of the Western world from the time of Homer to the present. Literature is examined in relation to the other arts. Foreign works are read in English translation. (This course was offered formerly as English 57-58.)

ENGLISH 320. *Literature of the Augustan Age*. 2nd semester; 3 periods a week; 3 credits.

A study of English literature from 1660 to 1740 with special emphasis upon Dryden, Swift, and Pope. Attention to critical theories, intellectual and cultural movements, and literary forms. (This course was offered formerly as English 59.)

ENGLISH 326. *Modern Drama*. 2nd semester; 3 periods a week; 3 credits.

The development of drama from Ibsen to the present, with emphasis on British, Continental, and American playwrights. (This course was offered formerly as English 56.) *Offered alternate years.*

ENGLISH 330. *Advanced Composition*. 1st semester; 3 periods a week; 3 credits.

A study of the principles of narrative and expository writing, with strong emphasis on the student's own writing. (This course was offered formerly as English 60.)

ENGLISH 360. *Philosophy and Modern Literature*. 1st or 2nd semester; 3 periods a week; 3 credits.

In this course, philosophical problems are arrived at inductively through a detailed study of contemporary literary works. Authors treated include Ionesco, Camus, Sartre, Marcel, Huxley, Eliot, Barth, and others.

ENGLISH 367. *The English Novel*. 1st semester; 3 periods a week; 3 credits.

Great novels of the eighteenth and nineteenth centuries, with emphasis on the works of Fielding, Austen, Dickens, Hardy and Conrad. (This course was offered formerly as English 67.) *Offered alternate years.*

ENGLISH 368. *The American Novel*. 2nd semester; 3 periods a week; 3 credits.

American fiction through the nineteenth century, with consideration of literary techniques and the changing conditions of the times, will be stressed. (This course was offered formerly as English 68.) *Offered alternate years.*

ENGLISH 369. *Shakespeare*. 1st semester; 3 periods a week; 3 credits.

The best of Shakespeare's comedies, histories, and tragedies, with emphasis on dramatic technique and the Elizabethan stage. (This course was offered formerly as English 69.)

ENGLISH 370. *Literary Criticism*. 1st or 2nd semester; 3 periods a week; 3 credits.

Literary criticism is examined in the works of some of the major critics, ancient and modern, and practiced in the application of critical principles to texts representing the major literary *genres*. (This course was offered formerly as English 70.) *Prerequisite: English 235-236.*

ENGLISH 375-376. *Development of the Drama*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A survey of the history and development of the drama from its Greek beginnings to the middle of the twentieth century. In addition to a study of representative plays, attention will also be given to the physical theater. The first semester: from the beginning to Ibsen; the second semester: Ibsen to the present. (This course was offered formerly as English 75-76.)

ENGLISH 409. *The Short Story*. 1st semester; 3 periods a week; 3 credits.

A critical reading of short stories selected to illustrate the development of the genre by English, American, and Continental writers. (This course was offered formerly as English 79.)

ENGLISH 410. *History and Development of the English Language*. 2nd semester; 3 periods a week; 3 credits.

An introduction to the historical development of the English language from the earliest period to the twentieth century. In the course of this historical survey, students examine the principal lin-

guistic changes and other major factors that influenced the development of English phonology, morphology, syntax, and vocabulary. (This course was offered formerly as English 89.)

ENGLISH 417. *Contemporary Fiction*. 1st semester; 3 periods a week; 3 credits.

A study of fiction, chiefly British and American, since 1900. (This course was offered formerly as English 87.) *Offered alternate years.*

ENGLISH 418. *Contemporary Poetry*. 2nd semester; 3 periods a week; 3 credits.

A study chiefly of British and American poetry since 1900. (This course was offered formerly as English 88.) *Offered alternate years.*

ENGLISH 420. *Advanced English Grammar*. Offered each semester; 3 periods a week; 3 credits.

Through lectures, readings, and discussions, students analyze the structure of modern English. The analysis is guided by current linguistic concepts, and modern methodology is emphasized. By means of specific problems, the traditional grammar is compared with more recent approaches. A few of the problems of teaching English at the primary and secondary levels are examined in the light of modern practices. Required of all students majoring in English and suggested for those who wish to extend their knowledge of grammar. (This course was offered formerly as English 90.)

ENGLISH 426. *Milton*. 2nd semester; 3 periods a week; 3 credits.

The major prose and poetical works of John Milton are studied in the context of his times, with special emphasis on *Paradise Lost*. (This course was offered formerly as English 96.) *Offered alternate years.*

ENGLISH 490. *Special Studies in English*. Offered each semester; 1 to 3 credits a semester.

Designed to give capable and interested students in English an opportunity to do independent study under faculty supervision. The student may elect work in (1) a literary type, period, or author; (2) creative writing; or (3) speech. (The enrollment in English 490 is generally limited to students majoring in English who have a high academic standing. Permission to enroll in English 490 must be secured from the head of the department.) (This course was offered formerly as English 99.)

The attention of students, especially those majoring in English, is called to the possibility of enrollment in graduate courses for undergraduate credit. With the approval of the instructor, qualified juniors and seniors may enter English 501, English 520, English 530, English 540, English 550, English 570, English 580, and English 590. Please see the Graduate Program Bulletin for description of these courses.

REQUIREMENT OF PROFICIENCY IN ENGLISH

In order to insure the continuous use of good English an examination shall be required of all students in the first semester of their junior year. The successful completion of this examination is a prerequisite to graduation.

BIBLICAL LITERATURE

BIBLICAL LITERATURE 305. *Old Testament*. 1st semester; 3 periods a week; 3 credits.

A study of the history of the Hebrew peoples and the leaders of Israel central to the Bible as a background to the theology of the Old Testament in conjunction with a critical analysis of Old Testament literature. (This course was offered formerly as Biblical Literature 55.)

BIBLICAL LITERATURE 306. *New Testament*. 2nd semester; 3 periods a week; 3 credits.

A study of the Gospels and Epistles of the New Testament including biblical criticism, historical background and basic theology. (This course was offered formerly as Biblical Literature 56.)

SPEECH

Minor: Two semester hours in General Education (Speech 200, or Speech 350, or Speech 359); Speech 249; Speech 350; Speech 359; Speech 365; Speech 367 or 368; and Speech 370, a total of 20 hours.

Students majoring in English and desiring a minor in Speech will not be allowed dual credit for Speech courses within the English major. Such students will, with departmental guidance, enroll in other English courses in place of Speech requirements for the major in English.

SPEECH 200. *Voice and Diction*. Offered each semester; 2 periods a week; 2 credits.

This course is planned primarily to develop effective qualities of voice. Much attention is devoted to articulation and diction and poise and confidence in speaking, public and private. (This course was offered formerly as Speech 29.)

SPEECH 249. *Oral Interpretation*. 2nd semester; 3 periods a week; 3 credits.

Analysis of various forms of literature from the intellectual and the emotional viewpoints; the study of imagery, denotation, connotation, and motivation; the expression of these meanings orally. (This course was offered formerly as Speech 49.) *Prerequisite*: Speech 200, or equivalent.

SPEECH 350. *Principles of Speech Communication*. 1st semester; 3 periods a week; 3 credits.

Orientation in the areas of speech. Analysis of content and delivery factors in the communication situations. (This course was offered formerly as Speech 50.)

SPEECH 359. *Public Speaking*. 2nd semester; 3 periods a week; 3 credits.

Study and practice of spoken communication; kinds of public address; the psychology of persuasive speaking. (This course was offered formerly as Speech 59.)

SPEECH 365. *Introduction to Radio and Television*. 1st or 2nd semester; 3 periods a week; 3 credits.

Orientation to the industries; history and philosophy of these media; federal regulations; general principles of programming, production, and management; survey of equipment and techniques; consideration of closed-circuit and educational television. (This course was offered formerly as Speech 65.)

SPEECH 367-368. *Dramatic Production and Dramatic Direction*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A study of the staging and directing of plays. (This course was offered formerly as Speech 67-68.)

SPEECH 370. *Speech Correction*. Offered each semester; 3 periods a week; 3 credits.

An introduction to the field of speech correction. Consideration is given to the problems of diagnosis and corrective therapy in clinical and classroom situations. Observation and participation in activities at the Speech and Hearing Clinic. (This course was offered formerly as Speech 70.)

SPEECH 400. *Speech Correction Practice*. Offered each semester; 3 periods a week; 3 credits.

Designed to give students practice in correcting speech problems; for students in the teaching curricula or students interested in professional work in speech correction; study under supervision in the schools and in the Speech and Hearing Clinic. *Credit is given as Speech 400 or Ed. 480A.* (This course was offered formerly as Speech 89.)
Prerequisite: Speech 370, or approval of instructor.

SPEECH 490. *Special Studies in Speech*. Offered each semester; 1 to 3 credits a semester.

Designed to give capable and interested students in speech an opportunity to do independent study, under faculty supervision. The student may elect work in (1) drama, (2) general speech, or (3) speech correction. (This course was offered formerly as Speech 99.)

PHILOSOPHY

PHILOSOPHY 240. *Introduction to Philosophy*. Offered each semester; 3 periods a week; 3 credits.

This course seeks to acquaint students with both the history and the characteristic problems of philosophical inquiry. Special attention is given to the nature of philosophical statements as such, in their historical origin, and to the nature of the questions they seek to answer. Important concepts in the development of Western thought are examined in their bearing on ethics, religion, science, and art. (This course was offered formerly as Philosophy 41.)

PHILOSOPHY 320. *Logic*. 1st semester; 3 periods a week; 3 credits.

A critical examination of the formal principles of sound reasoning. (This course was offered formerly as Philosophy 57.)

PHILOSOPHY 330. *Ethics*. 2nd semester; 3 periods a week; 3 credits.

The nature of ethical discourse, and an examination of selected ethical problems posed in philosophical literature from Plato to the present. (This course was offered formerly as Philosophy 58.) *Prerequisite: Phil. 240, or permission of the instructor.*

PHILOSOPHY 340. *Modern Philosophy*. 1st semester; 3 periods a week; 3 credits.

An examination of the most important philosophical tendencies since the Enlightenment, with special emphasis upon logical analysis and existentialism in the twentieth century. (This course was offered formerly as Philosophy 85.) *Prerequisite: Phil. 240, or permission of the instructor.*

PHILOSOPHY 350. *Philosophy of Religion*. 2nd semester; 3 periods a week; 3 credits.

A systematic examination of the foundations of religious discourse, with extensive reading in the contemporary literature of philosophical theology and particular emphasis on the impact of contemporary thought on religious knowledge. (This course was offered formerly as Philosophy 86.) *Prerequisite: Phil. 240, or permission of the instructor.*

PHILOSOPHY 360. *Philosophy and Modern Literature*. 1st or 2nd semester; 3 periods a week; 3 credits.

In this course, philosophical problems are arrived at inductively through a detailed study of contemporary literary works. Authors treated include Ionesco, Camus, Sartre, Marcel, Huxley, Eliot, Barth, and others.

PHILOSOPHY 420. *Studies in Classics of Philosophy*. 2nd semester; 3 periods a week; 3 credits.

Reading and discussion of the chief writings of one or two of the following philosophers: Plato, Aristotle, Aquinas, Descartes, Hume, Kant, Kierkegaard, and Wittgenstein. (This course was offered formerly as Philosophy 78.) *Prerequisite: Phil. 240, or permission of the instructor.*

Foreign Languages

MRS. RAUCH, *Head of the Department*

MRS. ALIOTTI, MRS. GRIMAL, MR. HITE, MRS. NEATROUR, MR. PERLMAN, MR. SPAHIJA AND MR. STEWART

The Department of Foreign Languages offers courses in French, German, Latin, Russian, and Spanish.

Majors are offered in French, Latin, and Spanish.

Minors are offered in French, German, Latin, and Spanish.

A *major* will consist of four sequences above the elementary level totaling 24 credits. A student earning a major in one foreign language must also earn not less than 12 credits in another foreign language.

A *minor* will consist of three sequences totaling 18 credits.

An electronically equipped classroom with twenty-eight listening and recording booths as well as a language laboratory with ten booths for individual work are available for all students in the department.

Placement tests will be given to students offering two or more years of high school study in a foreign language.

FRENCH

FRENCH 101-102. *Elementary French*. 1st and 2nd semesters; 4 periods a week plus one hour laboratory practice; 3 credits a semester. (Year course.)

A rapid college course of one continuous year for beginners in French, equivalent to two years of high-school work. It consists of grammar, with composition and other written drills; simple conversation; dictation; with regular conjugations and the most important irregular verbs; reading suited for the first year of study. Extensive practice in pronunciation will be done in the language laboratory in two half-hour sessions a week. (This course was offered formerly as French 1-2.)

FRENCH 231-232. *Intermediate French*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

A thorough grammar review, composition, dictation, and conversation. Skills in reading and writing are developed through easy readings

of French Literature. (This course was offered formerly as French 31-32.)
Prerequisite: One year of college French or its equivalent.

FRENCH 305. *Conversation in French and Advanced Composition.* 1st semester; 3 periods a week; 3 credits.

Intensive training in the use and comprehension of modern everyday French with emphasis upon conversation and composition to give the student confidence in expressing himself in simple idiomatic French. (This course was offered formerly as French 55.) *Prerequisite: Two years of college French or its equivalent.*

FRENCH 308. *Introduction to French Civilization.* 2nd semester; 3 periods a week; 3 credits.

A study of French life and culture and the outstanding contributions of France to world civilization. Instruction is in French. (This course was offered formerly as French 56.) *Prerequisite: Fr. 305 (offered formerly as Fr. 55.)*

FRENCH 315. *Advanced French Diction and Conversation.* 1st semester; 3 periods a week; 3 credits a semester.

Intensive drill on French sounds, study of intonation in conversation and in the reading of poetry and prose. Continued emphasis upon conversation. Instruction is in French. (This course was offered formerly as French 75.) *Prerequisite: Fr. 305 (offered formerly as Fr. 55).*

FRENCH 320. *Advanced Grammar.* 2nd semester; 3 periods a week; 3 credits.

Advanced course in grammar and syntax with extensive practice in composition. Instruction is in French. (This course was offered formerly as French 76.) *Prerequisite: Fr. 305 (offered formerly as Fr. 55).*

FRENCH 405. *The Romantic Movement.* 1st semester; 3 periods a week; 3 credits.

Follows the main current of French literature during the first half of the 19th Century with special stress upon Victor Hugo, Alphonse de Lamartine, Alfred de Vigny, Alfred de Musset, George Sand and others. Instruction is in French. (This course was offered formerly as French 85.) *Prerequisite: Three years of college French or its equivalent.*

FRENCH 406. *The Realistic Movement.* 2nd semester; 3 periods a week; 3 credits.

Follows the main current of French literature during the second half of the 19th Century with special stress upon the works of Honore de Balzac, Gustave Flaubert, Alphonse Daudet, Emile Zola, Anatole France and others. Instruction is in French. (This course was offered formerly as French 86.) *Prerequisite: Three years of college French or its equivalent.*

FRENCH 415. *French Classical Theatre*. 1st semester; 3 periods a week; 3 credits.

Moliere, as representative of the French Classical Comedy, and Corneille and Racine, as representatives of the French Classical Drama, will be studied. Instruction is in French. (This course was offered formerly as French 95.) *Prerequisite: Three years of college French or its equivalent.* Offered alternate years, not offered in 1965-66.

FRENCH 426. *French Literature of the Twentieth Century*. 2nd semester; 3 periods a week; 3 credits.

Such modern French writers as Jules Romain, George Duhamel, Andre Maurois, J. Paul Sartre, Albert Camus and others will be studied. Instruction is in French. (This course was offered formerly as French 96.) *Prerequisite: Three years of college French or its equivalent.* Offered alternate years, not offered in 1965-66.

GERMAN

GERMAN 101-102. *Elementary German*. 1st and 2nd semesters; 4 periods a week plus one hour laboratory practice; 3 credits a semester. (Year course.)

An introductory course designed to enable students to master the fundamentals of grammar; ample practice for reading, speaking, and writing German. Simple conversations on everyday topics. Extensive practice in pronunciation will be done in the language laboratory in two half-hour sessions a week. (This course was offered formerly as German 1-2.)

GERMAN 231-232. *Intermediate German*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

Brief grammar review. Skills in reading and writing German are developed. Exercises in simple composition; conversations based on every day topics. Outside readings. (This course was offered formerly as German 31-32.) *Prerequisite: One year of college German or its equivalent.*

GERMAN 305. *Conversation in German and Advanced Composition*. 1st semester; 3 periods a week; 3 credits.

Thorough training in the use and comprehension of everyday German. Intensive readings in prose and poetry. Compositions based on literature and original topics. (This course was offered formerly as German 55.) *Prerequisite: Two years of college German or its equivalent.*

GERMAN 308. *Survey of German Literature and Civilization*. 2nd semester; 3 periods a week; 3 credits.

A survey of the history of German literature and civilization. A study through selected texts of the literary and cultural background of the German speaking people. Lectures, discussions, oral reports. Instruction is in German. (This course was offered formerly as German 56.) *Prerequisite: Two years of college German or its equivalent.*

GERMAN 405. *The Age of Classicism*. 1st semester; 3 periods a week; 3 credits.

Readings and interpretation of significant works of Lessing, Schiller, and Goethe. Instruction is in German. *Prerequisite: Three years of college German or its equivalent.*

GERMAN 426. *Modern German Literature*. 2nd semester; 3 periods a week; 3 credits.

A study of the main literary trends of the 20th century. The works of such writers as Herman Hesse, Thomas Mann, Rainer Maria Rilke, Franz Kafka, Heinrich Boll, and Bertolt Brecht are discussed. Instruction is in German. *Prerequisite: Three years of college German or its equivalent.*

LATIN

LATIN 101-102. *Elementary Latin*. 1st and 2nd semesters; 4 periods a week; 3 credits a semester. (Year course.)

The structural approach is used. This course covers the elementary work regularly included in the first two years of high-school Latin, stressing the fundamentals of Latin grammar and the reading of easy Latin prose including graded selections from Caesar. Word study in relation to English. Introduction to Roman life and culture. This course is designed also to have positive value for students in other departments who feel the need of a foundation in Latin. (This course was offered formerly as Latin 1-2.)

LATIN 231-232. *Intermediate Latin*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

A thorough review of Latin grammar and composition. Easy readings from Roman historians, the Bible, and medieval writers. Selection from Vergil's Aeneid. Outside readings in Roman literature. (This course was offered formerly as Latin 31-32.) *Prerequisite: One year of college Latin or its equivalent.*

LATIN 305-306. *Prose and Poetry of the Republic*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Prose selections from Cato, Varro, Caesar, Sallust, Nepos, Livy, and the philosophical works of Cicero; poetry selections from Ennius,

Plautus, Terence, Lucretius, Catullus, Vergil: *Georgics and Eclogues*; collateral reading in Roman culture. (This course was offered formerly as Latin 51-52.) *Prerequisite: Two years of college Latin or its equivalent.*

LATIN 315-316. *Prose and Poetry of the Empire.* 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Prose selection from Seneca, Petronius, Quintilian, Tacitus, Pliny, Suetonius; poetry selections from Horace, Propertius, Ovid, Martial, Juvenal; collateral reading in Roman history; advanced prose composition; the public and private life of the Romans. (This course was offered formerly as Latin 81-82.) *Prerequisite: Three years of college Latin or its equivalent.*

LATIN 410. *Advanced Syntax and Composition.* 1st semester; 3 periods a week; 3 credits.

A review of the principles of syntax. Exercises in prose composition. Intensive readings in classical Latin. (This course was offered formerly as Latin 95.) *Prerequisite: Three years of college Latin or its equivalent.* Offered alternate years, not offered in 1965-66.

LATIN 426. *Selected Readings from Latin Literature.* 2nd semester; 3 periods a week; 3 credits.

Intended to supplement the student's readings in the most important works of classical and medieval literature. Subject matter adapted to the needs of the individual students. (This course was offered formerly as Latin 96.) *Prerequisite: Three years of college Latin or its equivalent.*

LATIN 458. *Classical Civilization.* 2nd semester; 3 periods a week; 3 credits a semester.

This course is a survey, taught in English, of the elements of Greek and Roman civilization. It is designed to show the classical heritage of our Western World in the fields of language, religion, philosophy, art, literature, and government. This course is not part of a major; no prerequisite. Open to all students. Offered alternate years, not offered in 1965-66.

RUSSIAN

RUSSIAN 101-102. *Elementary Russian.* 1st and 2nd semesters; 4 periods a week plus one hour laboratory practice; 3 credits a semester. (Year course.)

A study of the fundamentals of the Russian language. Oral practice, hearing and reading comprehension, the grammar necessary for simple spoken and written expression. Extensive practice in pronunciation

will be done in the language laboratory in two half-hour sessions a week. (This course was offered formerly as Russian 1-2.)

RUSSIAN 231-232. *Intermediate Russian*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

A thorough review of grammar. Vocabulary building, conversation, written exercises and reading. (This course was offered formerly as Russian 31-32.) *Prerequisite: One year of college Russian or its equivalent.*

SPANISH

SPANISH 101-102. *Elementary Spanish*. 1st and 2nd semesters; 4 periods a week plus one hour laboratory practice; 3 credits a semester. (Year course.)

This course is a study of the fundamentals of the Spanish language through conversation, reading and composition. Extensive practice in pronunciation and development of aural comprehension through two half-hour sessions in the language laboratory. (This course was offered formerly as Spanish 1-2.)

SPANISH 231-232. *Intermediate Spanish*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

This course develops fundamental skills through grammar review, extensive reading, conversation and composition. (This course was offered formerly as Spanish 31-32.) *Prerequisite: One year of college Spanish or its equivalent.*

SPANISH 305. *Conversation in Spanish and Composition*. 1st semester; 3 periods a week; 3 credits.

This course is designed to give students confidence and fluency in the use of the language. Original compositions and parallel reading will be discussed entirely in Spanish. Extemporaneous dialogues and skits will be used as the basis for conversation. (This course was offered formerly as Spanish 55.) *Prerequisite: Two years of college Spanish or its equivalent.*

SPANISH 308. *Hispanic Civilization*. 2nd semester; 3 periods a week; 3 credits.

This course is a comprehensive study of Hispanic civilization seen within the context of the Western World. (This course was offered formerly as Spanish 56.) *Prerequisite: Sp. 305 (offered formerly as Sp. 55).*

SPANISH 315. *Advanced Conversation and Composition*. 1st semester; 3 periods a week; 3 credits.

This course consists of intensive drills in conversation using natural idiomatic Spanish in the discussion of topics of general cultural interest.

Advanced written compositions are required. (This course was offered formerly as Spanish 75.) *Prerequisite:* Sp. 305 (offered formerly as Sp. 55).

SPANISH 318. *Survey of Spanish Literature.* 2nd semester; 3 periods a week; 3 credits.

This course is a comprehensive study of Spanish literature from the Middle Ages to the present with particular emphasis on medieval literature, Golden Age poetry, Romantic literature, 19th and 20th century drama and poetry. The course is conducted in Spanish. *Prerequisite:* Sp. 305 (offered formerly as Sp. 55). Offered alternate years, not offered in 1965-66.

SPANISH 328. *Survey of Spanish-American Literature.* 2nd semester; 3 periods a week; 3 credits.

This course is a study of the literature of Spanish-America including the works of the major figures from Garcilaso de la Vega, el Inca, to Jorge Luis Borges. This course is conducted in Spanish. *Prerequisite:* Sp. 305 (offered formerly as Sp. 55).

SPANISH 405. *Realism in the Spanish Novel of the 19th Century.* 1st semester; 3 periods a week; 3 credits.

This course is a study of the works of Juan Valera, Benito Perez Galdos, Jose Maria de Pereda, Leopoldo Alas and Emilia Pardo Bazan. The course is conducted in Spanish. (This course was offered formerly as Spanish 85.) *Prerequisite:* Three years of college Spanish or its equivalent. Offered alternate years, not offered in 1965-66.

SPANISH 416. *The Spanish Novel of the 20th Century.* 2nd semester; 3 periods a week; 3 credits.

This course is a study of the works of Miguel de Unamuno, Azorin, Perez de Ayala, Pio Baroja, Ramon del Valle-Inclan, Ramon Sender, Camilo Jose Cela, and Carmen Laforet. The course is conducted in Spanish. (This course was offered formerly as Spanish 86.) *Prerequisite:* Three years of college Spanish or its equivalent. Offered alternate years, not offered in 1965-66.

SPANISH 425. *Prose of the Golden Age.* 1st semester; 3 periods a week; 3 credits.

This course is a study of the chivalric, sentimental, pastoral and picaresque genres of prose literature and of their development through the Golden Age, culminating in Cervantes. The course is conducted in Spanish. (This course was offered formerly as Spanish 95.) *Prerequisite:* Three years of college Spanish or its equivalent.

SPANISH 426. *Drama of the Golden Age*. 2nd semester; 3 periods a week; 3 credits.

This course is a study of the "comedia" of the Golden Age including works of Lope de Vega, Calderon de la Barca, Tirso de Molina and Ruiz de Alarcon. The course is conducted in Spanish. (This course was offered formerly as Spanish 96.) *Prerequisite: Three years of college Spanish or its equivalent.*

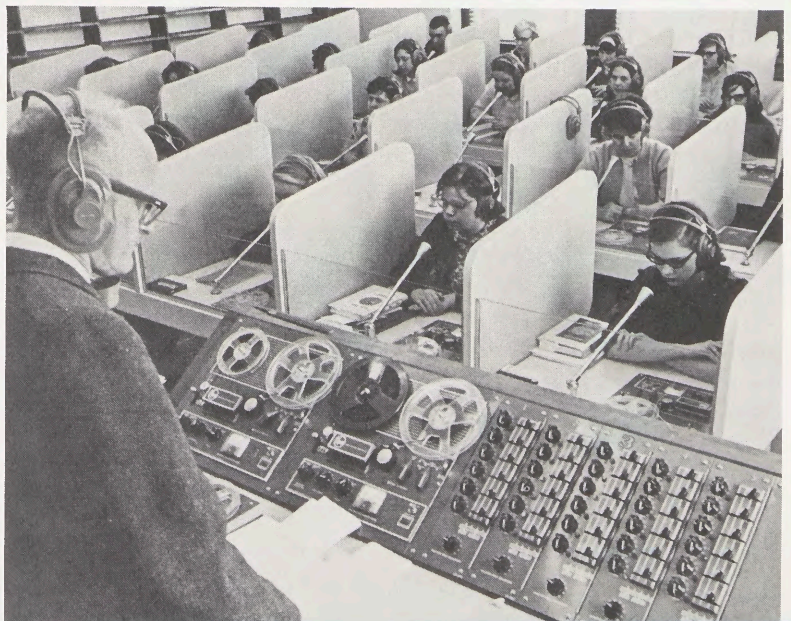
DEPARTMENTAL COURSE

FOREIGN LANGUAGE 350. *Foreign Language Seminar*. 1st semester; 3 periods a week; 3 credits.

Prospective modern foreign language and Latin teachers will become acquainted with the materials (records, tapes, books, films, etc.) available in the field. Problems in the teaching and administration of foreign language programs on the elementary and secondary level will be analyzed. Techniques in the use of a foreign language laboratory, audio-visual aids, selection of textbooks, the application of linguistics, and cultural instruction will be discussed. Observations and instructional films. This course is not part of the major-minor requirements, though strongly recommended. (This course was offered formerly as Foreign Language 89.) Offered alternate years, not offered in 1965-66.

FOREIGN LANGUAGE 490. *Special Studies in Foreign Languages*. On demand. 1 to 3 credits a semester.

This course is designed to give superior students an opportunity to do independent study under faculty supervision. Work may be done in all languages offered in the department. Permission to enroll must be secured from the head of the department.



Music

MR. BUCHER, *Head of the Department*

MR. ANDERSON, MISS BURAU, MR. HICKS, MISS ININGER, MR. LELAND,
MISS LEVIN, MR. MARSHALL, MISS SCHNEIDER, MR. SCHUETZ,
MR. SIDORFSKY, MR. WATKINS, MISS WEBB AND MR. WOODS

The Department of Music is organized for three purposes: (1) to prepare students to teach vocal and instrumental music in public and private schools; (2) to provide an adequate specialization in music for students who wish to pursue this as a major in a liberal arts program; and (3) to provide for all students basic music study and opportunities for further musical growth.

In Curriculum VI (see pages 92-93) a student may offer 62 credits in Music and Music Education courses toward the *Bachelor of Music Education degree*. A *Music Major* of 42 credits is allowed in Curriculum VII. In addition there are several non-specialized music courses which students from any department may elect, and students from any curriculum may take private music lessons for college credit.

Music Education Majors: The Bachelor of Music Education degree qualifies the student for certification to teach in the public schools of Virginia and most other states. The course of study follows the outline of Curriculum VI. Each student must select a principal or major performing medium and a minor performing medium. Those choosing choral music as the area of emphasis within Curriculum VI will select voice, piano or organ as the major performing medium while those choosing instrumental music as the area of emphasis will select an instrument of the orchestra or band. Candidates for the Bachelor of Music Education degree must complete minimum requirements in the major area as shown under applied music. The minor performing medium may be chosen from other areas of applied music except that instrumental majors must take a minimum of one year of private voice lessons as a minor. All students preparing to teach in the public schools must also meet minimum piano requirements to qualify for student teaching.

Music in the Liberal Arts Program: The music major in Curriculum VII should acquire a broad background in music as he does in general academic disciplines. The emphasis here will be on the theory, history, and literature of music rather than on the performance of music, although a minimum of 8 semester hours in applied music will be required, all to be taken in one area of musical performance. A student who elects to take applied music in excess of 8 semester hours may choose a second area of musical performance.

Prerequisites: It is assumed that a student choosing to major in music and music education will have sufficient musical talent to indicate promise in his chosen field and that he will have had the necessary back-

ground and experience in the performance medium which he elects for his major. Each entering student will have, at the opening of school, a brief audition with a committee from the music faculty to evaluate his qualifications and to determine placement in major and minor performing areas.

Recitals: All music majors are required to participate in departmental recitals and are encouraged, if they show outstanding achievement, to give a joint recital during the senior year. Any music major may qualify, through outstanding performance achievement, for an "Honors" recital,¹ a full recital program given in the senior year.

All music majors are expected to attend faculty and student recitals.

Special Regulations: No student in the department of music may appear as a representative of the College in a public or broadcast performance except with the recommendation of his teacher and approval of the chairman of the department of music.

MUSIC 105. *Instrumental Music (Percussion).* 2nd semester; 2 periods a week; 1 credit a semester.

Class instruction in playing the percussion instruments, band marching, parading, and the training of drum majors. Methods and materials for class teaching. (This course was offered formerly as Music 55p.)

MUSIC 107-108. *Instrumental Music (Strings).* 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

Class instruction in playing the string instruments. Study of the violin as the basic instrument followed by the viola, cello and bass. Methods and materials for string class teaching. (This course was offered formerly as Music 55s-56s.)

¹Music students may also participate in the College Honors Program, which recognizes phases of excellences other than musical performance. See page 63.



MUSIC 141-142. *Theory I*. 1st and 2nd semesters; 5 periods a week; 4 credits a semester. (Year course.)

An integrated course for the development of basic musicianship. Music reading in unison and parts, scale construction, rhythm and interval work, melody writing, dictation, keyboard harmony, and a study of triads, inversions, primary and secondary chords, embellishments, modulation to closely related keys, and musical form. Analytical listening, using simpler master compositions. (This course was offered formerly as Music 11-12.)

MUSIC 200. *Music in General Culture*. Offered each semester; 2 lecture and 2 laboratory periods a week; 3 credits.

This course aims to increase the variety and depth of the student's interest in music and related cultural activities. It seeks to stress the relation of music as an art to our daily lives and music's place in society, to promote an understanding of the spirit of the art which will lead to the emotional and aesthetic development of the individual, and to enable him to enjoy intelligent listening. (This course was offered formerly as Music 30.)

MUSIC 207. *Instrumental Music (Brass)*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

Class instruction in playing the brass instruments. Methods and materials for class teaching. (This course was offered formerly as Music 55b-56b.)

MUSIC 241-242. *Theory II*. 1st and 2nd semesters; 5 periods a week; 4 credits a semester. (Year course.)

A continuation of Theory I, with the addition of chromatic alterations, and non-harmonic tones. Harmonic and form analysis of master compositions. The linear as well as the harmonic aspect of music is stressed. Most of the second semester is devoted to the study of elementary contrapuntal techniques. Creative work in smaller forms is encouraged. (This course was offered formerly as Music 33-34.)

MUSIC 300. *Music Appreciation*. 2nd semester; 3 periods a week; 3 credits.

An enriching, cultural course, planned for the general student. Various types of forms of music, in advance of those studied in Music 200, will be used for listening and analysis. (This course was offered formerly as Music 50.) *Prerequisite: Music 200, or its equivalent.*

MUSIC 305-306. *Instrumental Music (Brass and Woodwind)*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

This is a course in the playing of brass and woodwind instruments and is open only to majors in instrumental music. Work will progress rapidly and will include materials and techniques of teaching.

MUSIC 307. *Instrumental Music (Woodwind)*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

Class instruction in playing woodwind instruments. Methods and materials for class teaching. (This course was offered formerly as Music 55w-56w.)

MUSIC 327-328. *Conducting*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

To acquaint and prepare prospective music teachers with techniques and practices in conducting bands, orchestras, choral groups and in leading assembly and community groups in singing. *Vocal, 1st semester; instrumental, 2nd semester*. (This course was offered formerly as Music 77-78.)

MUSIC 345-346. *Counterpoint*. 1st and 2nd semesters; 2 periods a week; 2 credits a semester.

Tonal counterpoint. Two, three and four voice forms, florid counterpoint. Elementary imitative techniques. Form analysis. (This course was offered formerly as Music 65-66.) *Music 345 is prerequisite to Music 346*.

MUSIC 347-348. *Form and Analysis*. 1st and 2nd semesters; 2 periods a week; 2 credits a semester.

A review of the small structural elements—the section, phrase, periods, irregular phrases, binary, and ternary form. The study of larger song forms, the sonata form, rondo and fugue. Harmonic analysis of classic, romantic, and modern compositions. (This course was offered formerly as Music 75-76.) *Music 347 is prerequisite to Music 348*.

MUSIC 355-356. *Orchestration*. 1st and 2nd semesters; 2 periods a week; 2 credits a semester.

Arranging for ensembles, band and orchestra. (This course was offered formerly as Music 85-86.) *Music 355 is prerequisite to Music 356*.

MUSIC 365-366. *Music History*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

The development of music from its beginning with emphasis on Polyphonic, Classical and Romantic Schools. Some attention is given to twentieth-century music. This course is basic for music majors and is open to students in all curricula. (This course was offered formerly as Music 51-52.) *Prerequisites: Music 200, Music 141 and 142*.

MUSIC 455-456. *Composition*. 1st and 2nd semesters; 2 periods a week; 2 credits a semester.

Original composition, arranging and orchestrating. Students may

advance as rapidly as their time and talent permit. (This course was offered formerly as Music 95-96.)

MUSIC 460. *Contemporary Music*. 1st semester; 2 periods a week; 2 credits.

A survey, through directed listening, of the trends found in twentieth-century music, stressing appreciative rather than technical aspects. (This course was offered formerly as Music 90.)

MUSIC 475-476. *The Teaching of Piano*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

Procedures and materials for the teaching of piano individually, especially to children, the first semester; the teaching of piano in classes, the second semester. (This course was offered formerly as Music 45pi-46pi.)

MUSIC 477-478. *The Teaching of Voice*. 1st and 2nd semesters; 2 periods a week; 1 credit a semester.

Materials and techniques for the teaching of voice. This includes a survey of languages, vocal literature, interpretation, teaching of voice in classes, accompaniments and the art of playing them. (This course was offered formerly as Music 45v-46v.)

MUSIC EDUCATION COURSES

MUSIC EDUCATION 375. *Music for Children*. Offered each semester; 2 lecture and 2 laboratory periods a week; 3 credits.

A study of the musical responses and needs of elementary children and of appropriate experiences that can be provided them through the cooperative efforts of the special music teacher and the classroom teacher. Materials for elementary music. Provision will be made for the individual differences existing between teachers, pupils, and types of schools. Particular attention will be given to the use of records for the teacher who does not sing or play the piano. (This course was offered formerly as Music Education 67.)

MUSIC EDUCATION 376. *Music for Youth*. 2nd semester; 3 periods a week; 3 credits.

The place of music in the cultural education of adolescents; relationships of school and community music; the teaching of choral music, of instrumental music, and of general and specialized music offerings. The use of standardized music tests; the place of public music performances. Administration of music; housing and equipment for music offerings. (This course was offered formerly as Music Education 68.)

Individual Instruction: Applied Music

Students may begin the private study of music or continue at their level of achievement. All who desire private lessons should confer with the head of the music department before registering. For information concerning fees see page 207 of this catalog.

The following should guide students in their choice of a major area:

1. While not absolutely necessary in the case of instrumental majors, it is desirable that all students have at least an acquaintance with and elementary knowledge of the piano.
2. They should have a reliable fundamental technique which will enable them to achieve adequately at least the minimum requirements given for the various major areas.
3. They should be acquainted with elementary standard technical studies and with preparatory-level literature in the major area.

All music majors—students in Curricula VI and VII and Curriculum I students with a concentration in music—must pass a short examination in their principal and minor areas of applied music each semester, this examination to be given by a jury of the music faculty. The jury will be concerned with musical understanding and quality of performance rather than mere difficulty of the music.

Courses in music performance follow. Substitute in place of "applied music" the area in which you register for instruction: piano, voice, organ, etc. Requirements shown are *Minimum requirements for graduation*; students may progress as quickly and as far as their interests and ability permit.

APPLIED MUSIC 115-116 (first year); 215-216 (second year); 315-316 (third year); 415-416 (fourth year). One half-hour lesson a week. Five hours minimum practice per week. One credit each semester. (This course was offered formerly as Applied Music 5-6; 35-36; 65-66; 85-86.)

APPLIED MUSIC 125-126 (first year); 225-226 (second year); 325-326 (third year); 425-426 (fourth year). Two half-hour lessons a week. Ten hours minimum practice per week. Two credits each semester. (This course was offered formerly as Applied Music 15-16; 45-46; 75-76; 95-96.)

APPLIED MUSIC 135-136 (first year); 235-236 (second year); 335-336 (third year); 435-436 (fourth year). Two half-hour lessons a week. Fourteen hours minimum practice per week. Three credits each semester. (This course was offered formerly as Applied Music 17-18; 47-48; 77-78; 97-98.)

PIANO

B.M.E. Program, minimum requirements: Scales four octaves, hands together in graduated tempi; technical studies to meet individual needs, e. g. Hanon or Cramer. Works from Baroque, Classical, Romantic and Contemporary eras. Sight reading of simple classics. Participation in piano class and departmental recitals.

VOICE

B.M.E. Program, minimum requirements: Building of sound vocal technique with the use of appropriate material for various stages of development. Representative standard vocal literature of all periods and styles—Lieder, Oratorio and Opera—to be studied in English and in the original language. The literature studied each year is necessarily dependent upon the level of technical and musical development.

ORGAN

B.M.E. Program, minimum requirements: Organ technique and registration; studies of the type of Stainer's "The Organ" or Dickinson's "The Art and Technique of Organ Playing"; works of medium difficulty from Baroque, Classical and Contemporary composers.

VIOLIN

B.M.E. Program, minimum requirements: Scales and arpeggi, major and minor, in three octaves; double stop scales; appropriate technical studies from Kreutzer, Fiorillo and/or Dont op. 37. Concertos such as Nardini E minor, Viotti no. 22, Spohr and Bach. Sonatas of the old Italian masters and of Handel and Mozart. Recital pieces. Chamber music study.

OTHER BAND AND ORCHESTRAL INSTRUMENTS

B.M.E. Program, minimum requirements: Embouchure and tone development; techniques applicable to the instrument; scales and arpeggi, major and minor; standard technical studies. Sonatas, concerti and repertoire pieces of medium difficulty. Ability to participate in standard orchestral literature.

MUSIC ENSEMBLES

All music majors are required to participate in some music ensemble throughout their four years of study. Students not majoring in music may register for the following courses, but they should consult with the director of the organization before registering.

BAND 109 (First Year); 209 (Second Year); 309 (Third Year); 409 (Fourth Year). 2 periods a week; 1 credit a year. (Year course.)

The purpose of the organization is to acquaint students with a wide variety of band music, including much that is suitable for use with

high-school groups, and through the playing of this to develop ensemble techniques, music reading power, and general musicianship. For the benefit of the music majors who will become teachers, the techniques of the marching band will also be studied along with organization procedures used by the band leaders in the public schools. (This course was offered formerly as Band 9, 39, 59, 79.)

CHAMBER MUSIC 109 (First Year); 209 (Second Year); 309 (Third Year); 409 (Fourth Year). 2 periods a week; 1 credit a year. (Year course.)

Chamber music study is required of all string majors and is to be considered an integral part of their applied music course. Trios and quartets of Haydn, Mozart, Beethoven, Mendelssohn, Schubert, Tchaikowsky, Dvorak. Quintets of Mozart, Schumann, Brahms, Franck and others. Contemporary works. Other chamber music combinations may be formed as need arises. (This course was offered formerly as Chamber Music 9, 39, 59, 79.)

CHORAL ENSEMBLE 109 (First Year); 209 (Second Year); 309 (Third Year); 409 (Fourth Year). 2 periods a week; 1 credit a year. (Year course.)

This is a group limited to about fifteen mixed voices. Students are admitted by individual audition. The repertoire emphasizes madrigals; 17th and 18th century ensemble literature, secular and sacred; and the intimate type of cantata and operetta. (This course was offered formerly as Choral Ensemble 9, 39, 59, 79.)

CHORUS 109 (First Year); 209 (Second Year); 309 (Third Year); 409 (Fourth Year). 2 periods a week; 1 credit a year. (Year course.)

The purpose of the organization is to acquaint students with a variety of choral music, including much that is suitable for use with school groups, and through the singing of this to develop choral techniques and general musicianship. (This course was offered formerly as Chorus 9, 39, 59, 79.)

CONCERT CHOIR 109 (First Year); 209 (Second Year); 309 (Third Year); 409 (Fourth Year). 3 periods a week; 1 credit a year. (Year course.)

The choir is an activity to which students are admitted by individual tests. A "C" average is required as a minimum for membership. Music majors who are admitted will not be required, but will be encouraged, to participate in other choral activities. This course may be taken without credit. (This course was offered formerly as Concert Choir 9, 39, 59, 79.)

ORCHESTRA 109 (First Year); 209 (Second Year); 309 (Third Year); 409 (Fourth Year). 3 periods a week; 1 credit a year. (Year course.)

The purpose of the organization is to acquaint students with much orchestra music, and through the playing of this, to develop ensemble techniques, music reading, and general musicianship. In addition to the opportunities for public appearances that are provided on the campus, trips are made throughout the State. The orchestra is open to all students who have sufficient ability to play the music being studied. (This course was offered formerly as Orchestra 9, 39, 59, 79.)

Division of the Natural Sciences

MR. IKENBERRY, *Director*

The Division of the Natural Sciences is composed of the Departments of Biology, Chemistry, Geology, Mathematics, Physics, and Physical and Health Education. The Division, in addition to departmental majors, also offers a Divisional *major* in Science for those students who wish to obtain a broad background in science. It is particularly designed for high school science teachers. The *minor* requirement of the various curricula is waived for students majoring in science according to this plan.

The requirements for a *major* in Science are as follows:

1. At least 4 semester hours in each of the departments: Biology, Chemistry, Geology, and Physics.
2. A maximum of 18 semester hours in any one of the departments: Biology, Chemistry, or Physics may be counted toward the 48 required hours of this major.
3. Mathematics 125-126.
4. Science 490 (Required only in Curricula II and III).
5. Other courses in Biology, Chemistry, Geology, Physics to total 48 hours.

A *minor* in General Science includes one year or 6 credits in each of three of the following: biology, chemistry, geology, or physics. Two semester hours of Science 490 are also required if the student wishes to be recommended for certification to teach science in high school.

INTERDEPARTMENTAL SCIENCE COURSES

In addition to the course offerings of the various departments, the Division of the Natural Sciences offers the following courses which are interdepartmental in content and staff:

PHYSICAL SCIENCE 110. *General Physical Science.* Offered each semester; 1 double and 3 single periods a week; 4 credits.

A course designed to help students gain a better understanding and appreciation of their physical environment. Emphasis will be given to the background and development of some of the important concepts and ideas in the fields of astronomy, chemistry, geology, and physics. Related laboratory work is included. (This course was offered formerly as Physical Science 10.)

SCIENCE 310. *Science in the Elementary School.* Offered each semester; 3 single and 1 double period a week; 4 credits.

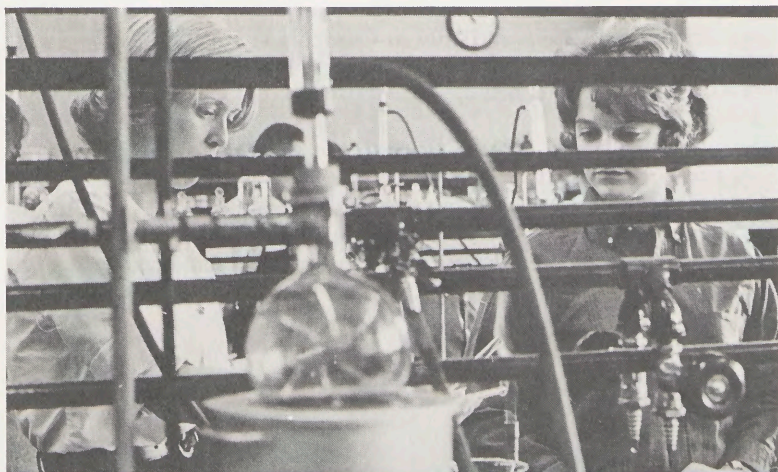
A science course which deals with the methods, materials, and literature of biological and physical science in the elementary school. The laboratory work consists of activities selected jointly by the students and the instructors on the basis of value for elementary school teaching. (This course was offered formerly as Science 50.)

SCIENCE 490 B-C-G-P. *Seminar for Science Teachers.* 1st and 2nd semesters; 2 periods a week; 1 or 2 credits a semester.

B-Biology; C-Chemistry; G-Geology; P-Physics.

Centers about problems encountered in teaching general science, biology, chemistry, physics, and geology. Students will work on selected problems in these fields using reports, discussions, demonstrations, audio-visual aids, and other instructional materials.

Two credits are required for students in Curriculum II or Curriculum III who major in general science, biology, chemistry, or physics. Each student will be required to take two units, one of which must be in his major. (This course was offered formerly as Science 95-96.)



Biology

MR. MENGENBIER, *Head of the Department*

MR. BODKIN, MR. FERRY, MR. FISHER, MRS. GORDON,
MR. GRAVES, MR. GRIMM, MISS JENKINS, MR. W. JONES
AND MISS PLEASANTS

The minimum requirement for a major in biology is thirty semester hours beyond the General Education Requirement. In order that all majors may become conversant with the modern trends and concepts of biology, courses must be chosen in the areas of (1) cellular and regulatory biology, (2) genetics and developmental biology, and (3) ecological and evolutionary biology. Balanced programs of studies in these significant aspects of plant and animal life will be designed to meet the needs of the student through consultations with departmental advisers.

Biology 110-120 and Biology 403-404 are required for the major. All biology majors will be required to take Chemistry 101-102 and a minimum of 4 semester hours of physics. Course work in geology and foreign languages is highly recommended.

Students planning to teach must meet the State and College requirements in professional education. Psychology 233-234 must be taken in the sophomore year, Education 360 and 370 in the junior year, and Education 470 and 480 in the senior year. It is the responsibility of each student planning to enter teaching to schedule these required courses in the proper year and to make arrangements for student teaching with the Director of Laboratory School Experiences.

Students planning to enter schools of Medical Technology should elect Biology 370.

BIOLOGY 110. *General Biology.* Offered each semester; 2 lecture and 2 laboratory periods a week; 4 credits.

A beginning course which stresses the fundamental principles of life with emphasis on contemporary living. Consideration is given to the composition, structure, and organization of living bodies—cells, tissues, organs, systems and organisms. The major systems of the human being are studied with emphasis given to reproduction and heredity. Required of all students. (This course was offered formerly as Biology 10.)

BIOLOGY 120. *General Biology.* Offered each semester; 2 lecture and 2 laboratory periods a week; 4 credits.

A survey of the plant and animal kingdoms. The structure, function and taxonomy of representative forms will be emphasized. Required of all biology majors and minors. (This course was offered formerly as Biology 20.) *Prerequisite:* Bio. 110 (offered formerly as Bio. 10).

BIOLOGY 200. *General Botany*. 2 lecture and 2 laboratory periods a week; 4 credits.

A one-semester course dealing with the development, structure, and function of higher plants and their relations to animals. Man's dependence upon plants and the many ways they serve him are emphasized. (This course was offered formerly as Biology 30.) *Prerequisite: Bio. 110-120 (offered formerly as Bio. 10-20).*

BIOLOGY 270. *Human Physiology*. Offered each semester; 1 laboratory and 2 lecture periods a week; 3 credits.

Emphasis is placed upon the functions of the muscular, circulatory, respiratory, digestive, excretory, and endocrine systems of the human body. Recommended for students in teaching, and for students preparing for medical technology or nursing. (This course was offered formerly as Biology 27.) *Prerequisite: Bio. 110 (offered formerly as Bio. 10).*

BIOLOGY 280. *Bacteriology*. Offered each semester; 2 laboratory and 2 lecture periods a week; 4 credits.

Designed to give the student a general understanding and appreciation of bacteria and related fungi. This is a basic course for pre-nursing, home economics, and pre-medical technology students. Elective to others. (This course was offered formerly as Biology 28.) *Prerequisite: Bio. 110 (offered formerly as Bio. 10).*

BIOLOGY 290. *Human Anatomy*. 1st semester; 2 lecture and 2 laboratory periods a week; 4 credits.

An introduction to the study of human anatomy with particular emphasis on the skeletal, muscular, circulatory, endocrine, and nerve systems. The laboratory animal is the cat, with emphasis on careful and accurate dissection. All laboratory quizzes are practical examinations. Required of students preparing for nursing and for physical education majors. (This course was offered formerly as Biology 29.) *Prerequisite: Bio. 110 (offered formerly as Bio. 10).*

BIOLOGY 300. *Comparative Vertebrate Anatomy*. 2 lecture and 2 laboratory periods a week; 4 credits a semester.

A comparative study of the organ systems of Amphioxus, Balanoglossus, dogfish, and the cat. Emphasis is upon careful and accurate dissection. All laboratory quizzes are practical examinations. Recommended for students preparing for medicine and for biology majors.

(This course was offered formerly as Biology 60.) *Prerequisite:* Bio. 110-120 (offered formerly as Bio. 10-20).

BIOLOGY 366. *Paleontology.* 2nd semester; 1 laboratory and 2 lecture periods a week; 3 credits.

An introduction to the life of past geological ages by a study of the fossilized remains of ancient plants and animals. Consideration is given to the morphology, classification, evolution, and phylogenetic relationships of the Protista, Plant and Animal Kingdoms from a study of fossils. This course may be applied towards a major in biology. (This course was offered formerly as Biology 66.) *Prerequisites:* Bio. 110-120 and Geol. 101-102 (offered formerly as Bio. 10-20 and Geol. 1-2). *Geol. 102 may be taken concurrently.*

BIOLOGY 367. *Field Zoology.* 1st semester; 1 laboratory and 2 lecture periods a week; 3 credits.

A study of the classification, habits, and habitats of local fauna. (This course was offered formerly as Biology 69.) *Prerequisites:* Bio. 110-120 and Bio. 373 (offered formerly as Bio. 10-20 and Bio. 37).

BIOLOGY 368. *Field Botany.* 2nd semester; 1 laboratory and 2 lecture periods a week; 3 credits.

This course will acquaint students with the local flora found on the Madison College campus and in surrounding areas. Factors affecting the range and growth of plants will be discussed. (This course was offered formerly as Biology 68.) *Prerequisite:* Bio. 110-120 (offered formerly as Bio. 10-20).

BIOLOGY 370. *Biological Techniques.* 2nd semester; 1 lecture and 2 laboratory periods a week; 3 credits.

A course planned to meet the requirements for those preparing for medical technology. Primarily a laboratory course, concerned with the proper use and care of the microscope, the camera lucida, and the microtome. The emphasis is upon the preparation of slides of normal tissues, and of whole mounts and sections of materials for zoology, and botany. (This course was offered formerly as Biology 70.) *Prerequisite:* Bio. 110-120 (offered formerly as Bio. 10-20).

BIOLOGY 373. *Invertebrate Zoology.* 1st semester; 2 lecture and 1 laboratory period a week; 3 credits.

A systematic study of the various invertebrate phyla including the study of morphology, classification, life histories, and phylogenetic relationships. Intended to give the student an appreciation of the structural body plan of the animal kingdom as it unfolds and progresses

from the simple to the more complex. (This course was offered formerly as Biology 37.) *Prerequisite: Bio. 110-120 (offered formerly as Bio. 10-20).*

BIOLOGY 374. *Vertebrate Zoology.* 2nd semester; 2 lecture and 1 laboratory period a week; 3 credits.

A general cultural course designed to give the student a better appreciation of the organism as a biological concept and of its fundamental plan of organization. Emphasis is placed upon the gradual unfolding of the evolutionary blueprint of the animal kingdom. (This course was offered formerly as Biology 38.) *Prerequisite: Bio. 110-120 (offered formerly as Bio. 10-20).*

BIOLOGY 403. *History of Biology.* 1st semester; 2 lecture periods a week; 2 credits.

A survey of the impact of biological thought, progress, and philosophy on the historical development of our civilization. Required for students majoring in biology. (This course was offered formerly as Biology 75.) *Prerequisite: Bio. 110-120 (offered formerly as Bio. 10-20).*

BIOLOGY 404. *Theories of Biology.* 2nd semester; 2 lecture periods a week; 2 credits.

An examination of the place of theoretical thought in Biology. The concept of phylogenetic relationships as expressed through organic evolution will be stressed. (This course was offered formerly as Biology 76.) *Prerequisite: Bio. 110-120 (offered formerly as Bio. 10-20).*

BIOLOGY 406. *Introduction to Plant Physiology.* 2nd semester; 1 lecture and 2 laboratory periods a week; 3 credits.

Practical aspects of fundamental life processes of plants involving physiological, structural, and environmental relationships. (This course was offered formerly as Biology 80.) *Prerequisites: Bio. 200 and Chem. 101-102 (offered formerly as Bio. 30 and Chem. 1-2).*

BIOLOGY 415. *Genetics.* 1st semester; 1 laboratory and 2 lecture periods a week; 3 credits.

A study of the simpler facts and elementary principles of biological inheritance, with emphasis on human heredity. Class discussions and laboratory experiments. Recommended for students preparing to teach, and for students desiring a major or minor in biology. (This course was offered formerly as Biology 87.) *Prerequisite: Bio. 110-120 (offered formerly as Bio. 10-20).*

BIOLOGY 416. *Vertebrate Embryology.* 2nd semester; 1 laboratory and 2 lecture periods a week; 3 credits.

An introduction to the comparative developmental anatomy of the vertebrates, including the human. Recommended for students who

are majoring or minoring in biology, students preparing to teach, and for students preparing for medicine, medical technology, or nursing. (This course was offered formerly as Biology 88.) *Prerequisite: Bio. 110-120 (offered formerly as Bio. 10-20).*

BIOLOGY 420. *General Entomology.* 2 lecture and 1 laboratory period a week; 3 credits.

A laboratory and field study of the common insects, their morphology, life histories, and their relationship to plants, animals, and man. Collection, identification, and preservation of local insects by standard methods. (This course was offered formerly as Biology 90.)

BIOLOGY 450. *Cellular Physiology.* 3 lecture and 1 laboratory period a week; 4 credits.

The study of physico-chemical relationships as they apply to cell function. (This course was offered formerly as Biology 85.) *Prerequisites: Chem. 235-236 (offered formerly as Chem. 35-36).*

BIOLOGY 497-498. *Problems in Biology.* One or two credits a semester.

An undergraduate research course in one of the fields of biology. Open, with permission of the head of the department, to seniors who have adequate preparation. (This course was offered formerly as Biology 97-98.)

Chemistry

MR. CHAPPELL, *Head of the Department*

MR. COOL AND MR. PARTLOW

A *major* in chemistry will include 30 semester hours subject to the approval of the head of the department. A *minor* in chemistry will include 18 semester hours subject to the approval of the head of the department.

Two or more years of college mathematics, one or two years of college physics, and some work in college biology are recommended for students who intend to major in chemistry.

CHEMISTRY 101-102. *General Chemistry.* 1st and 2nd semesters; 1 double and 3 single periods a week; 4 credits a semester. (Year course.)

Fundamental principles of chemistry are studied, with emphasis on the application of these principles to daily living. A detailed study of some of the non-metallic elements is made during the first semester. The second semester includes a brief introduction to the chemistry of carbon and some of its compounds; also a study of the metals, many

of their compounds, and their industrial manufacture and uses. (This course was offered formerly as Chemistry 1-2.)

CHEMISTRY 110. *Chemistry in the Modern World*. Offered each semester; 1 double and 3 single periods a week; 4 credits.

An introductory chemistry course which covers some of the fundamental principles and popular topics of modern chemistry which are of interest and use to the individual. (This course was offered formerly as Chemistry 9.)

CHEMISTRY 235. *Organic Chemistry*. 1st semester; 2 double and 2 single periods a week; 4 credits.

Includes work on aliphatic, aromatic, heterocyclic, and other important kinds of organic compounds. Type reactions, probable structure, and theories of organic reactions are stressed. Typical carbon compounds are prepared in the laboratory and their properties are studied. (This course was offered formerly as Chemistry 35.) *Prerequisite*: Chem. 101-102 (offered formerly as Chem. 1-2).

CHEMISTRY 236. *Organic Chemistry*. 2nd semester; 2 double and 2 single periods a week; 4 credits.

A continuation of Chemistry 235, with more emphasis on laboratory preparations. Special topics such as halogenation, nitration, hydrolysis, isomerism, polymerization, molecular rearrangements are studied in considerable detail. (This course was offered formerly as Chemistry 36.) *Prerequisite*: Chem. 235 (offered formerly as Chem. 35).

CHEMISTRY 237. *Organic Chemistry*. 1st semester; 1 double and 2 single periods a week; 3 credits.

Includes work on aliphatic, aromatic and heterocyclic compounds. Type reactions, proof of structure and applications are stressed. Typical carbon compounds are prepared in the laboratory and their properties are studied. (This course was offered formerly as Chemistry 37.) *Prerequisite*: Chem. 101-102 (offered formerly as Chem. 1-2).

CHEMISTRY 238. *Biochemistry*. 2nd semester; 1 double and 2 single periods a week; 3 credits.

A study of the applications of chemistry to living processes. The course includes a study of various foodstuffs, their digestion and metabolism, body secretions and excretions, animal calorimetry and

nutrition. (This course was offered formerly as Chemistry 38.) *Prerequisite:* Chem. 235 or Chem. 237 (offered formerly as Chem. 35 and Chem. 37).

CHEMISTRY 355. *Qualitative Analysis.* 1st semester; 2 single and 2 double periods a week; 4 credits.

A course in inorganic qualitative analysis. A study is made of the more important cations and anions. (This course was offered formerly as Chemistry 55.) *Prerequisite:* Chem. 101-102 (offered formerly as Chem. 1-2).

CHEMISTRY 356. *Quantitative Analysis.* 2nd semester; 2 single and 2 double periods a week; 4 credits.

A course in inorganic quantitative analysis. The standard methods of gravimetric and volumetric procedure are emphasized. (This course was offered formerly as Chemistry 56.) *Prerequisite:* Chem. 355 (offered formerly as Chem. 55).

CHEMISTRY 357. *Analytical Chemistry.* 1st semester; 1 single and 2 double periods a week; 3 credits.

An introduction to microtechnique and instrumental methods. (This course was offered formerly as Chemistry 57.) *Prerequisite:* Chem. 356 (offered formerly as Chem. 56).

CHEMISTRY 485-486. *Physical Chemistry.* 1st and 2nd semesters; 1 double and 3 single periods a week; 4 credits a semester.

Deals with philosophies, theories, and mechanics of chemistry. Thermodynamics, homogeneous and heterogeneous equilibria, chemical kinetics, electrochemistry, colloids, catalysis, atomic and molecular structure are some of the several topics studied. (This course was offered formerly as Chemistry 85-86.) *Prerequisite:* Chem. 101-102, Chem. 235-236 or Chem. 355-356 (offered formerly as Chem. 1-2; Chem. 35-36 and Chem. 55-56), and Math. 235-236.

CHEMISTRY 490. *Advanced Inorganic Chemistry.* 2nd semester; 3 credits.

A study of selected topics in the field of advanced inorganic chemistry. The course will include a theoretical treatment of the structure, properties, and reactions of the elements and some of their compounds. Approximately twenty-five per cent of the work will be done in the laboratory. (This course was offered formerly as Chemistry 90.) *Prerequisites:* Chem. 101-102 and Chem. 355-356 (offered formerly as Chem. 1-2 and Chem. 55-56).

CHEMISTRY 497-498. *Problems in Chemistry*. 1st and 2nd semesters; 1 to 3 credits a semester.

An undergraduate research course in one of the fields of chemistry. Gives the capable student an opportunity to do independent work in chemistry, under faculty supervision. Open, with permission of the department, to advanced students in the College who have adequate preparation. (This course was offered formerly as Chemistry 97-98.)

Geology

MR. HARNSBERGER, *Head of the Department*

GEOLOGY 101-102. *General Geology*. 1st and 2nd semesters; 1 double and 3 single periods a week; 4 credits a semester. (Year course.)

A course designed to give the student knowledge of the earth's physical environment and of the changes which have occurred in the earth's existing life. The first semester is devoted to Physical Geology, including the formation of rocks and minerals, land forms, earth-changing processes, and water resources. The second semester considers Historical Geology, emphasizing fossils in typical areas of North America as well as in local areas. (This course was offered formerly as Geology 1-2.)

GEOLOGY 110. *Fundamentals of Geology*. Offered each semester; 1 double and 3 single periods a week; 4 credits.

An introductory course which considers such topics as ground surface changes, streams and underground water, rocks and minerals, fossils and the formation of scenic features. Each of these topics will be linked to man's present-day plans and interests. (This course was offered formerly as Geology 9.)

GEOLOGY 349. *Economic Geology*. 2nd semester; 1 double and 2 single periods a week; 3 credits.

A course designed to familiarize the student with important natural resources of the earth's crust. Classification, origin, distribution and mining of our mineral resources are discussed. Special emphasis is accorded the uses of important non-metallic and metallic mineral resources. Modern methods of exploration in discovering ore bodies are described. (This course was offered formerly as Geology 49.)
Prerequisites: *Geol. 101-102, or Geol. 110 (offered formerly as Geol. 1-2, and Geol. 9).*

GEOLOGY 366. *Paleontology*. 1st semester; 1 double and 2 single periods a week; 3 credits.

The content of this course deals with the life of past geological ages through the study of fossil plants and animals. Consideration is given to the morphology, classification, evolution, and phylogenetic relationships of the Protista, Plant and Animal Kingdoms from a study of fossils. This course may be applied towards a major in biology. (This course was offered formerly as Geology 66.) *Prerequisites: Bio. 110-120 or Geol. 101-102 (offered formerly as Bio. 10-20 and Geol. 1-2).*

Mathematics

MR. IKENBERRY, *Head of the Department*

MR. BEASLEY, MISS CURTIS, MR. GRUNWALD, MR. HURSEY,
MR. POLITES, MRS. SCHMIDT, MR. TAYLOR, AND MR. ZIEGENFUS

Major. The minimum requirement for a major in mathematics is thirty semester hours which must include the following: Math. 235-236; Math. 365; Math. 366. Students in Curriculum II or Curriculum III must also take Math. 475-476. For Curriculum VII or Curriculum VIII, Math. 385 is also required.

Minor. The minimum requirement for a minor in mathematics is eighteen semester hours which must include Math. 235-236; Math. 365; Math. 476.

MATHEMATICS 107-108. *Fundamentals of Mathematics*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Designed for prospective teachers of the elementary schools and students not majoring in mathematics or science. A development of basic concepts of elementary mathematics, including sets, logic, and binary operations; the natural numbers and their properties; deductive reasoning and the nature of proof; the integers, rational numbers, real numbers and their properties; relations, functions, and graphs. (This course was offered formerly as Mathematics 7-8.)

MATHEMATICS 125-126. *Introduction to College Mathematics*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A modern integrated treatment of topics from college algebra and trigonometry with particular emphasis on the study of functions and relations; an introduction to analytic geometry. (This course was offered formerly as Mathematics 17-18.) *Prerequisite: One entrance unit in algebra and one entrance unit in plane geometry.*

MATHEMATICS 150. *An Introduction to Logic and Sets*. 3 periods a week; 3 credits.

An elementary course in mathematical logic and set theory with applications to permutations, combinations and probability. (This course was offered formerly as Mathematics 60.)

MATHEMATICS 207. *Basic Concepts of Algebra*. 1st semester; 2 periods a week; 2 credits.

Basic ideas and structure of algebra, including equations, inequalities, positive and negative numbers, absolute value, graphing of truth sets of equations and inequalities, and examples of other algebraic systems including finite ones. Required in Curriculum I. May not be used to satisfy other mathematics requirements.

MATHEMATICS 208. *Intuitive Foundations of Geometry*. 2nd semester; 2 periods a week; 2 credits.

A study of space, plane, and line as sets of points, considering separation properties and simple closed curves; the triangle, rectangle, circle, sphere, and the other figures in the plane and space considered as sets of points with their properties developed intuitively; the concepts of deduction and the beginning of deductive theory; concepts of measurement in the plane and space, angle measurement, measurement of the circle, volumes of solids; coordinate geometry. Required in Curriculum I. May not be used to satisfy other mathematics requirements.

MATHEMATICS 235-236. *Analytic Geometry and Calculus*. 1st and 2nd semesters; 5 periods a week; 5 credits a semester.

A course integrating the subject matter of the usual first courses in analytic geometry and differential and integral calculus. It includes equations and loci, the straight line, circle, conic sections, polar coordinates, derivatives, maxima and minima, rates, velocity, curvature, integration, areas, lengths of curves, surfaces, and volumes. A continuous course. (This course was offered formerly as Mathematics 35-36.) *Prerequisite: Math. 125-126 (offered formerly as Math. 17-18), or its equivalent.*

MATHEMATICS 310. *A First Course in Number Theory*. 3 periods a week; 3 credits.

Topics in number theory including divisibility properties, integral solutions of equations, congruences, prime numbers, arithmetic functions, and number theoretic functions. (This course was offered formerly as Mathematics 50.)

MATHEMATICS 325. *Elementary Statistics*. 2nd semester; 3 periods a week; 3 credits.

An introduction to the basic concepts of statistics including a brief

treatment of descriptive statistics. Probability; empirical and theoretical frequency distributions; problems of sampling; estimation and testing of hypotheses; regression and correlation. (This course was offered formerly as Mathematics 58.)

MATHEMATICS 365. *Modern Algebra*. 1st semester; 3 periods a week; 3 credits a semester.

An introduction to the theory of groups, rings, integral domain, and fields. (This course was offered formerly as Mathematics 65.)

MATHEMATICS 366. *Linear Algebra*. 2nd semester; 3 periods a week; 3 credits a semester.

An introduction to the theory of vector spaces, linear transformations, and matrices. (This course was offered formerly as Mathematics 66.)

MATHEMATICS 378. *Mathematical Statistics*. 1st semester; 3 periods a week; 3 credits.

An introduction to theoretical statistics. Probability; theory of statistical inference; theory and applications of distribution functions of several variables and moment generating functions; sampling theory and significance tests for large and small samples; correlation and regression. (This course was offered formerly as Mathematics 59.)
Prerequisite: Math. 235-236 (offered formerly as Math. 35-36).

MATHEMATICS 385. *Intermediate Calculus*. 1st semester; 3 periods a week; 3 credits.

A study of more advanced topics in the theory and applications of calculus, including infinite series, partial differentiation, and multiple integrals. (This course was offered formerly as Mathematics 85.)
Prerequisite: Math. 235-236 (offered formerly as Math. 35-36).

MATHEMATICS 425. *Teaching of Secondary Mathematics*. 1st semester; 2 hours a week; 2 credits.

A seminar for prospective high school mathematics teachers which will include discussion of methods of teaching general mathematics, algebra, and geometry, and the development of a unit of work in one of these areas. (This course was offered formerly as Mathematics 87.)

MATHEMATICS 448. *History of Mathematics*. 2nd semester; 3 periods a week; 3 credits.

This course is a study of sources and growth of mathematical ideas and principles from earliest times to the present, with emphasis on the influence of mathematics on the development of civilization. Attention is given to the lives and contributions of eminent mathematicians. (This course was offered formerly as Mathematics 78.)

MATHEMATICS 467-468. *Selected Topics in Mathematics*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Topics in advanced mathematics which are of special interest to the student but not covered in the regularly-offered courses. Typical selections: foundations of mathematics, projective geometry, topology, introduction to real variables.

MATHEMATICS 475. *Modern Geometry*. 1st semester; 3 periods a week; 3 credits.

This course is a study of the basic theory in the fields of Euclidean, projective and non-Euclidean geometries. Projective geometry is developed as a logical axiomatic system of its own. Algebraic methods are introduced in a discussion of coordinate geometry and transformation theory. (This course was offered formerly as Mathematics 75.)

MATHEMATICS 476. *Fundamental Concepts of Geometry*. 2nd semester; 3 periods a week; 3 credits.

This course is an elementary study of the foundations of Euclidean geometry. It includes a modern axiomatic development of the fundamental concepts of Euclidean geometry with emphasis on those topics in which the modern exposition is essentially different from the ancient. (This course was offered formerly as Mathematics 76).

MATHEMATICS 486. *Differential Equations*. 2nd semester; 3 periods a week; 3 credits.

Solution of the standard types of ordinary differential equations; applications; integration in series and numerical approximations. (This course was offered formerly as Mathematics 89.) *Prerequisite: Math. 385 (offered formerly as Math. 85).*

MATHEMATICS 488. *Vector Analysis*. 2nd semester; 3 periods a week; 3 credits.

Vector Algebra, differentiation and integration of vector functions, applications in Physics. (This course was offered formerly as Mathematics 77.) *Prerequisite: Math. 235-236 (offered formerly as Math. 35-36).*

MATHEMATICS 497-498. *Independent Study*. Offered each semester; 1 to 3 credits a semester.

This course is designed to give students of superior ability and initiative an opportunity to do independent study in mathematics under faculty supervision. (This course was offered formerly as Mathematics 99.) *Prerequisite: consent of the head of the department.*

Physical and Health Education

MISS SINCLAIR, *Head of the Department*

MISS BRUCE, MISS CRAWFORD, MISS ELLER, MISS FLAUGHER,
MISS GARCIA, MRS. GEIL, MISS HESTER, MRS. HORN, MR. LONG,
MISS MORRISON, MRS. MYERS, MISS PLEASANT,
MRS. STROUGH, AND MISS TERGESEN

The Department of Physical and Health Education is organized to contribute to the general education program of the College and to prepare students for professional careers.

General Education Program: All students must earn four semester credits in physical education. P. E. 140 and 160 are required of women, P. E. 107 and 108 are required of men and all students must take one course numbered in the 220's-230's.* All entering students are expected to possess a satisfactory degree of physical fitness, motor ability and body mechanics. These areas are evaluated by the Physical Education Tests given during the Orientation Week. Students making low scores must take P. E. 103 before enrolling in P. E. 120 or any of the P. E. 220-230 sequence courses.

Major in Physical Education and Health: Thirty semester hours in physical education and health beyond the six hours required of all students. Students completing the major program in Curriculum III meet the certification requirements for teaching in the secondary schools of Virginia. Adjustments may be made to meet certification requirements in other states and for endorsement at the elementary level. The major program includes the following courses: P. E. 383; P. E. 386; P. E. 483; P. E. 484; P. E. 486; Hth. 203; Hth. 304; and Hth. 403. The following courses are also required but may be exempted through proficiency examinations: P. E. 236; P. E. 253; P. E. 254; P. E. 283-284; P. E. 373-374; P. E. 344; P. E. 363; P. E. 380; and P. E. 473-474.

Major in Health: An interdepartmental major program in Curriculum VIII which requires the following courses: Hth. 203; Hth. 306; Hth. 403; Hth. 314; and Hth. 414; Bio. 270; Bio. 280; Math. 325; Psy. 357 or 478; Psy. 487; S. S. 387; S. S. 468. To qualify for positions in health education or for teaching, consult Head of the Department.

Minor in Physical and Health Education: Eighteen hours which may be chosen in Curricula II, III, VII and VIII. Consult Head of the Department.

*Any required course may be exempted by passing a proficiency test in the activity. Proficiency tests are scheduled periodically. Upon fulfillment of the required courses and in order to complete four semesters of physical education, a student may select any course numbered below P. E. 275; courses of a higher number which carry one semester hour credit may be selected with the approval of the instructor.

Concentration in Physical Education and Health: Twenty-four hours which may be chosen in Curriculum I. Consult Head of the Department or Curriculum Chairman.

Endorsement in Driver Education: Hth. 203 and Hth. 304.

Emphasis in Dance is possible through elective courses and may be achieved within a major, minor, or concentration. Consult Head of the Department.

Electives: Available to all students and are especially recommended for students in Curriculum I.

CURRICULUM III MAJOR IN PHYSICAL AND HEALTH EDUCATION

FRESHMAN YEAR¹

	<i>Credits per Semester:</i>	<i>1st</i>	<i>2nd</i>
*Art 200	3	—	
Bio. 110-120	4	4	
Eng. 101-102	3	3	
Math. 125-126 or Math. 107-108	3	3	
Music 200	—	3	
P. E. 283-253	1	1	
P. E.**	1	1	
Elective	1	1	
		16	16

SOPHOMORE YEAR

Bio. 290-270	4	3	
Chem. 110	—	4	
Eng. 233-234	3	3	
Hth. 200-203	2	2	
P. E. 236-254	1	1	
P. E.**	1	1	
Psy. 233-234	3	3	
Speech 200	2	—	
		16	17

¹The required 12 semester hours in science may be taken in 3 four-hour courses. Chem. 101-102 is desirable as second science.

*Students electing foreign languages should defer Math. or Art 200 and Music 200.

**The elective is to be chosen with the Department Head according to the experience of the student.

JUNIOR YEAR

Ed. 360.....	3	—
Ed. 370.....	—	3
Hth. 304.....	—	2
P. E. 373-374.....	1	1
P. E. 363-344.....	1	1
P. E.....	1	1
P. E. 380.....	2	—
P. E. 383.....	3	—
P. E. 386.....	—	3
S. S. 233-234.....	3	3
S. S.....	3	3
	<hr/>	<hr/>
	17	17

SENIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Ed. 470.....	—	3
Ed. 480.....	8	—
Hth. 403.....	3	—
P. E. 483.....	2	—
P. E. 473.....	1	—
P. E. 474.....	—	1
P. E. 484.....	—	3
P. E. 486.....	—	3
Electives.....	2	6
	<hr/>	<hr/>
	16	16

CURRICULUM VIII
 MAJOR IN HEALTH
 PRE-PUBLIC HEALTH

FRESHMAN YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Art 200.....	3	—
Bio. 110-120.....	4	4
Eng. 101-102.....	3	3
Math. 125-126.....	3	3
Music 200.....	—	3
P. E.....	1	1
Speech 200.....	—	2
Electives.....	2	—
	<hr/>	<hr/>
	16	16

SOPHOMORE YEAR

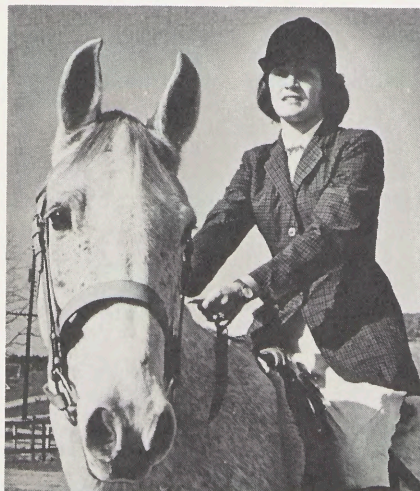
Bio. or Chem. Elective	4	—
Bio. 270	—	3
Chem. 101-102	4	4
Eng. 233-234	2	2
Hth. 203	2	—
Hth. 200	—	2
P. E.	1	1
Psy. 231-232	3	3
Electives	—	1
	<hr/>	<hr/>
	16	16

JUNIOR YEAR

	<i>Credits per Semester:</i>	
	<i>1st</i>	<i>2nd</i>
Bio. 280	4	0
Hth. 306	—	2
Math. 325	—	3
S. S. 233-234	3	3
S. S. To complete 12 hours	3	3
Electives	6	5
	<hr/>	<hr/>
	16	16

SENIOR YEAR

Hth. 403	3	—
Hth. 314	3	—
Hth. 414	—	3
Psy. 487, 357, or 478	3	3
S. S. 387-468	3	3
Electives	4	7
	<hr/>	<hr/>
	16	16



PHYSICAL EDUCATION

Costume: Special costumes are required for physical education. Instructions for ordering these costumes are sent the women students in the summer and the order should be placed at once. All students must provide a swimming suit and a leotard. Students already possessing these may utilize them, otherwise leotards should be ordered with the other required physical education costumes. Students earning a major or minor in physical education must provide a warm-up suit and hockey shoes in addition to other costumes. Men students will obtain the required costume locally.

PHYSICAL EDUCATION 103. *Fundamentals of Physical Education.* 1st semester; 3 periods a week; 1 credit.

This course is designed to help the student achieve a desirable level of strength, body alignment and skill in fundamental motor activities. (This course was offered formerly as Physical Education 1.)

PHYSICAL EDUCATION 105-106. *Adapted Activities.* 1st and 2nd semesters; 3 periods a week; 1 credit.

This course is designed for students with severe medical restrictions and is adapted to individual needs. (This course was offered formerly as Physical Education 3-4.) *Prerequisite:* Recommendation of College Physician and permission of Head of Department.

PHYSICAL EDUCATION 107-108. *Basic Activities for Men.* 1st and 2nd semesters; 3 periods a week; 1 credit.

This course includes team sports, apparatus; swimming and track and field. (This course was offered formerly as Physical Education 7-8.)

PHYSICAL EDUCATION 120. *Elementary Sports.* 1st and 2nd semesters; 3 periods a week; 1 credit.

The course includes an elementary sport and another activity; various combinations are offered. (This course was offered formerly as Physical Education 5.) *Prerequisite:* P. E. 103 or equivalent.

PHYSICAL EDUCATION 140. *Elementary Dance.* 1st and 2nd semesters; 3 periods a week; 1 credit.

An introductory course which includes movement fundamentals, elementary folk dance and an introduction to modern dance technique and composition. (This course was offered formerly as Physical Education 9.)

PHYSICAL EDUCATION 160. *Elementary Swimming.* 1st and 2nd semesters; 3 periods a week; 1 credit.

The course includes swimming strokes, personal safety and rescue

skills, and diving. (This course was offered formerly as Physical Education 11.)

*PHYSICAL EDUCATION 220-239. *Intermediate Sports*. 1st and 2nd semesters; 3 periods a week; 1 credit.

Intermediate level in specific individual and team sports: 223-Basketball; 224-Hockey; 225-Tennis; 226-Golf; 227-Archery; 228-Fencing; 229-Badminton; 233-*Bowling; 234-*Equitation; 235-Volleyball; 236-Softball. (These courses were offered formerly as Physical Education 30, 31, 32, 35, 36, 37, 38, and 39.)

*PHYSICAL EDUCATION 240-249. *Intermediate Dance*. 1st and 2nd semesters; 3 periods a week; 1 credit.

Intermediate level in specific types of dance: 243-Social; 245-Folk; 246-Modern. (These courses were offered formerly as Physical Education 41, 43, and 45.) *Prerequisite: P. E. 140 or the equivalent.*

PHYSICAL EDUCATION 253. *Intermediate Tumbling, Track and Field*. 1st and 2nd semesters; 3 periods a week; 1 credit.

Intermediate tumbling leading into free exercise; the basic events in women's track and field.

PHYSICAL EDUCATION 254. *Intermediate Gymnastics*. 1st and 2nd semesters; 3 periods a week; 1 credit.

Intermediate level stunts, apparatus and free exercise.

*PHYSICAL EDUCATION 260. *Intermediate Swimming*. 1st and 2nd semesters; 3 periods a week; 1 credit.

Stroke development and diving, synchronized, competitive or endurance swimming. (This course was offered formerly as Physical Education 25.) *Prerequisite: P. E. 160 or the equivalent.*

PHYSICAL EDUCATION 264. *Life Saving*. 2nd semester; 2 periods a week; 1 credit.

The Senior Life Saving Course of the American Red Cross. Open to all students subject to instructor's approval. Recommended for physical education majors. (This course was offered formerly as Physical Education 26.)

*This course will include a second activity according to the season. A fee of \$7.50 per half-semester will be charged for all bowling classes and a fee of \$70.00 for riding classes. The College reserves the right to cancel these classes should suitable facilities be unavailable.

*PHYSICAL EDUCATION 267. *Advanced Swimming and Diving.* 1st and 2nd semesters; 3 periods a week; 1 credit.

The emphasis is upon the perfection of ten swimming strokes, endurance swimming and springboard diving. (This course was offered formerly as Physical Education 29.) *Prerequisite:* P. E. 260, 264 or approval of instructor.

PHYSICAL EDUCATION 283. *Basic Skills and Fundamentals of Movement.* 1st semester; 2 periods a week; 1 credit.

This course stresses skills of movement and body mechanics. Recommended for Curriculum I. *Not acceptable for General Education requirement.* (This course was offered formerly as Physical Education 27.)

PHYSICAL EDUCATION 284. *Activities for Children.* 2nd semester; 2 periods a week; 1 credit.

Rhythms, games and self-testing activities. Recommended for Curriculum I. *Not acceptable for General Education requirement.* (This course was offered formerly as Physical Education 28.)

PHYSICAL EDUCATION 285. *Community Recreation.* 1st semester; 2 periods a week; 2 credits.

Organization and administration of community recreation programs. Special attention is given to leadership skills. An elective open to all students. (This course was offered formerly as Physical Education 48.)

PHYSICAL EDUCATION 286. *Camp Leadership.* 2nd semester; 1 single and 1 double period a week; 2 credits.

A course designed to develop those qualities and skills necessary for leadership in camping. Attention is also given to camping philosophies and organizational techniques. Open to all students. (This course was offered formerly as Physical Education 49.)

PHYSICAL EDUCATION 344. *Advanced Modern Dance.* 2nd semesters; 2 periods a week; 1 credit.

Modern dance technique and composition on an advanced level. (This course was offered formerly as Physical Education 56.) *Prerequisite:* P. E. 246 or P. E. 373C.

PHYSICAL EDUCATION 346. *Dance Production.* 2nd semester; 1 single and 1 double period a week; 2 credits.

Lectures and laboratory experiences in organizing and presenting dance demonstrations and concerts. Attention is given to accompaniment, lighting, make-up, costume, sets, and properties. (This course was offered formerly as Physical Education 79.)

*This course will include a second activity according to the season.

PHYSICAL EDUCATION 363. *Aquatic Sports*. 1st semester; 2 periods a week; 1 credit.

Advanced swimming and diving skills and their use in synchronized swimming, competition, water games and related activities. (This course was offered formerly as Physical Education 55.)

PHYSICAL EDUCATION 366. *Instruction in Water Safety*. 2nd semester; 1 single and 1 double period a week; 2 credits.

Students completing this course satisfactorily may qualify for the American Red Cross Instructor's Certificate in Swimming and Water Safety. (This course was offered formerly as Physical Education 69.)
Prerequisite: Senior Life Saving.

PHYSICAL EDUCATION 370. *Physical Education for Children*. 1st and 2nd semesters; 2 periods a week; 2 credits.

The activity needs of children and the selection and use of appropriate materials. Required of students in Curriculum I. (This course was offered formerly as Physical Education 50.) *Prerequisite: Psy. 233-234 or the equivalent.*

Additional credit is required of concentrators in health and physical education and may be taken with approval by other students in physical education 370A, 1 semester credit.

PHYSICAL EDUCATION 373-379: *Advanced Sports and Dance*. 1st and 2nd semesters; 3 periods a week; 1 credit. Available on the block plan with permission.

373: A-Advanced Hockey (offered in alternation with Field Sports); B-Survey of Dance. 374: A-Advanced Basketball; B-Golf. *375: Advanced Equitation.

PHYSICAL EDUCATION 380. *Officiating*. 1st and 2nd semesters; 3 periods a week; 2 credits.

Theory and practice of officiating in selected sports. The standards of the Officiating Services Area of the Division for Girls' and Women's Sports are used. *Limited enrollment*; required of physical education majors; exemption by examination of OSA. (This course was offered formerly as Physical Education 60.)

PHYSICAL EDUCATION 383. *Kinesiology*. 1st semester; 4 periods a week; 3 credits.

The science of human movement involving principles of mechanics, psychology and physiology; the application of the knowledge of

*This course will include a second activity according to the season. A fee of \$70.00 per half-semester will be charged for riding classes. The College reserves the right to cancel these classes should suitable facilities be unavailable.

anatomy in improving performance. (This course was offered formerly as Physical Education 65.) *Prerequisite: Bio. 290-270.*

PHYSICAL EDUCATION 384. *Physiology of Muscular Activity.* 2nd semester; 2 periods a week; 2 credits.

Study of the effects of exercise upon the body and bodily functions; physiological effects of special kinds of activity; physiology of training; assessment of organic fitness. (This course was offered formerly as Physical Education 66.) *Prerequisite: Bio. 290-270. (Offered 1965-66 and alternate years.)*

PHYSICAL EDUCATION 385. *Measurement and Evaluation in Physical Education.* 2nd semester; 3 periods a week; 3 credits.

This course includes the selection, administration and use of tests unique to the field of physical education. Special emphasis is placed on testing procedures. (Offered 1966-67 and alternate years.)

PHYSICAL EDUCATION 386. *Principles of Health and Physical Education.* 2nd semester; 3 periods a week; 3 credits.

The history of physical education as it has affected the schools of the United States. The principles of health and physical education as a basis for objectives, program and method; current problems. (This course was offered formerly as Physical Education 68.)

PHYSICAL EDUCATION 473-474 A-B-C-D. *Physical Education Techniques.* 1st and 2nd semesters; 2 or 4 periods a week; 1 or 2 credits a semester. Available on the block plan.

473: A-Tennis; B-Field Sports or Hockey; C-Summary of Modern Dance; D-Folk Dance. 474: A-Apparatus; B-Fencing and Recreational Sports; C-Golf; D-Track and Field or Softball. (These courses were offered formerly as Physical Education 81-82 A-B-C-D.)

PHYSICAL EDUCATION 483. *Health and Physical Education in the Secondary Schools.* 1st semester; 8 weeks; 4 periods a week; 2 credits.

Class procedures, methods, and the use of materials in the school programs of health and physical education. (This course was offered formerly as Physical Education 73.) *Prerequisite: Ed. 370.*

PHYSICAL EDUCATION 484. *Problems in Administration.* 2nd semester; 3 periods a week; 3 credits.

Selected problems relating to the program of health, physical education, and safety in secondary schools; athletics, intramural and extramural; maintenance of physical education plants; administrative policies; budget, instructional supplies, and equipment; public relations; professional standards. (This course was offered formerly as Physical Education 85.) *Prerequisite: P. E. 386 or the equivalent.*

PHYSICAL EDUCATION 486. *Adapted Physical Education*. 2nd semester; 4 periods a week; 3 credits.

Designed to provide understanding and laboratory experience in remedial exercises and other activities for individuals restricted because of poor body mechanics and orthopedic conditions. (This course was offered formerly as Physical Education 87.) *Prerequisite: P. E. 383.*

PHYSICAL EDUCATION 490. *Special Studies in Physical Education*. 1st and 2nd semesters; 1-3 credits.

This course is designed to give superior students in physical education an opportunity to do independent study and/or research under faculty supervision. *Prerequisite: Permission of the head of the department.*

HEALTH

HEALTH 200. *Personal and Community Health*. 1st and 2nd semesters; 2 periods a week; 2 credits.

A study of selected factors related to healthful living, including the contributions of the community health program. (This course was offered formerly as Health 40.) *Prerequisite: Bio. 110.*

HEALTH 203. *Safety and First Aid*. 1st and 2nd semesters; 2 periods a week; 2 credits.

Standard and Advanced First Aid courses and materials and methods of instruction in various phases of safety education. Students who complete the course successfully will be certificated by the Red Cross in First Aid. (This course was offered formerly as Health 37.)

HEALTH 304. *Traffic and Driver Safety*. 2nd semester; 2 periods a week; 2 credits; laboratory work to be assigned.

Problems of traffic and driver safety as they exist in our present society. Upon successful completion of this course and Health 203, students may secure an endorsement for Driver Education from the State Board of Education after graduation. (This course was offered formerly as Health 59.) *Prerequisite: Operator's license issued by the Commonwealth of Virginia.*

HEALTH 306. *Health Problems of the Young Adults*. 2nd semester; 2 periods a week; 2 credits.

A study of health problems of the teens and early twenties with special reference to societal influences. (This course was offered formerly as Health 69.) *Prerequisite: Hth. 200 or the equivalent. (Offered 1964-65 and alternate years.)*

HEALTH 314. *Introduction to Public Health*. 2nd semester; 3 periods a week; 3 credits.

A study of the program and services of voluntary and official public health and welfare organizations. Emphasis is placed upon the community public health department and lay participation in health organizations. Hours will be assigned for observation and field trips to local organizations. (This course was offered formerly as Health 80.) *Prerequisite: Approval of the instructor.*

HEALTH 403. *Advanced Health*. 1st semester; eight weeks; 6 periods a week; 3 credits.

The scientific foundations, recent developments, and effects on wholesome living of nutrition, genetics, and specific areas in personal health. Independent research in additional areas of health will be emphasized. (This course was offered formerly as Health 79.) *Prerequisites: Hth. 200 and Bio. 229-227.*

HEALTH 414. *Field Work in Health*. 1st and 2nd semesters; 3 credits.

Work in the local health and welfare agencies under the supervision of the course instructor. (This course was offered formerly as Health 89.) *Prerequisite: Hth. 314.*

Physics

MR. WELLS, *Head of the Department*

MR. GORDON, MR. McCORKLE AND MR. MOORE

A major in physics is designed to prepare students for any career in physics which they might care to pursue, whether it be teaching, graduate study or industrial employment. The physics major consists of 30 credit hours of work and must include Phys. 121-122, Phys. 337, Phys. 338, Phys. 345, Phys. 346, Phys. 221-222, and Phys. 361-362.

A student majoring in physics should include in his or her program Math. 235-236 and Math. 486. Basic courses in biology and chemistry are also desirable.

A sequence of courses leading to an 18 hour minor in physics may be selected, subject to the approval of the head of the department, to meet the individual needs of students in the various curricula.

PHYSICS 110. *Physics in the Modern World*. Offered each semester; 1 double and 3 single periods a week; 4 credits.

A one semester course designed to acquaint the student with such physical concepts as force, energy, and radiation in their mechanical, thermal, electrical, and atomic forms. Important physical laws are

examined through laboratory exercises. Less emphasis is placed on mathematics and mathematical proofs than in Physics 121-122 (offered formerly as Physics 1-2). (This course was offered formerly as Physics 9.)

PHYSICS 121-122. *General Physics*. 1st and 2nd semester; 1 triple and 3 single periods a week; 4 credits a semester. (Year course.)

A basic course in general physics. Provides the background necessary for advanced work in physics, and for an understanding of allied subjects. Experiments and elementary problems in the field of mechanics, heat, sound, electricity, optics, and modern physics are included. (This course was offered formerly as Physics 1-2.)

PHYSICS 140. *Household Physics*. 1st semester; 1 double and 2 single periods a week; 3 credits.

A course in household physics for home economics students. Much of the laboratory work involves tests, adjustments, and simple repair of common household apparatus. Limited to students majoring in home economics. (This course was offered formerly as Physics 40.)

PHYSICS 221-222. *Electronics*. 1st and 2nd semester; 1 double and 2 single periods a week; 3 credits each semester. (Year course.)

A study of the electron tube and its applications. Rectifier, amplifier, oscillator, wave-shaping circuits, the cathode ray tube, transistors, microwaves and antennas are treated. Primary emphasis is placed on laboratory work. (This course was offered formerly as Physics 51-52.) *Prerequisite: Phys. 121-122 (offered formerly as Phys. 1-2). (Offered 1963-64 and alternate years thereafter.)*

PHYSICS 320. *Astronomy*. 2nd semester; 1 double and 1 single period a week; 2 credits.

A descriptive course covering the solar system, the constellations of our galaxy, and the extra-galactic systems. Classes are replaced occasionally by evening observation periods. Use is also made of the Spitz planetarium. (This course was offered formerly as Physics 58.)

PHYSICS 337. *Atomic Physics*. 1st semester; 1 double and 2 single periods a week; 3 credits.

An introduction to contemporary physics. Radiant energy, the Bohr atom, X-rays, relativity, physics of the solid state including semiconductors and transistors. (This course was offered formerly as Physics 38.) *Prerequisites: Phys. 121-122 and Math. 235-236 (offered formerly as Phys. 1-2 and Math. 35-36).*

PHYSICS 337L. *Atomic Physics Laboratory*. 1st semester; 1 double period a week; 1 credit. To be taken concurrently with Physics 337. *Required of physics majors.* (This course was offered formerly as Physics 38L.)

PHYSICS 338. *Nuclear Physics*. 2nd semester; 3 single periods a week; 3 credits.

Nuclear structure, radioactivity, cosmic rays, nuclear energy, nuclear instrumentation. (This course was offered formerly as Physics 37.) *Prerequisites: Phys. 121-122 and Math. 235-236 (offered formerly as Phys. 1-2 and Math. 35-36).*

PHYSICS 338L. *Nuclear Physics Laboratory*. 2nd semester; 1 double period a week; 1 credit. To be taken concurrently with Physics 338. *Required of physics majors.* (This course was offered formerly as Physics 37L.)

PHYSICS 345. *Electricity and Magnetism*. 1st semester; 3 single periods a week; 3 credits.

A study of the electrostatic field, the magnetic field, direct and alternating currents, and electromagnetic waves. (This course was offered formerly as Physics 45.) *Prerequisites: Phys. 121-122 and Math. 235-236 (offered formerly as Phys. 1-2 and Math. 35-36).* (Offered 1963-64 and alternate years thereafter.)

PHYSICS 345L. *Electricity and Magnetism Laboratory*. 1st semester; 1 double period a week; 1 credit. To be taken concurrently with Physics 345. *Required of physics majors.* (This course was offered formerly as Physics 45L.)

PHYSICS 346. *Optics*. 2nd semester; 3 single periods a week; 3 credits. Geometric optics, including reflection and refraction. Physical optics, including interference, diffraction, and polarization. (This course was offered formerly as Physics 46.) *Prerequisites: Phys. 121-122 and Math. 235-236 (offered formerly as Phys. 1-2 and Math. 35-36).* (Offered 1963-64 and alternate years thereafter.)

PHYSICS 346L. *Optics Laboratory*. 2nd semester; 1 double period a week; 1 credit. To be taken concurrently with Physics 346. *Required of physics majors.* (This course was offered formerly as Physics 46L.)

PHYSICS 361-362. *Mechanics and Heat*. 1st and 2nd semesters; 3 single periods a week; 3 credits each semester. (Year course.)

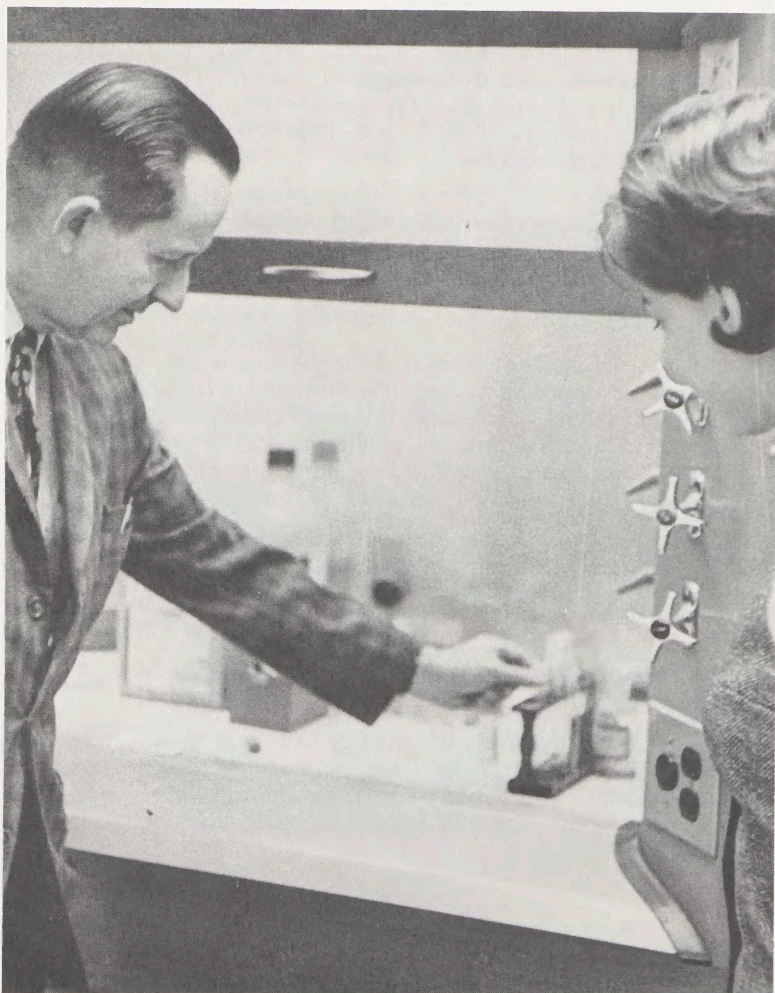
The statics and dynamics of particles and rigid bodies, work and energy, motion under the influence of a central force, accelerated reference systems, constrained motion, generalized coordinates, wave motion, temperature, the transfer of heat, properties of ideal gases,

and the first and second laws of thermodynamics are discussed. (This course was offered formerly as Physics 61-62.) *Prerequisites:* *Phys.* 121-122 and *Math.* 235-236 (offered formerly as *Phys.* 1-2 and *Math.* 35-36). (Offered 1964-65 and alternate years thereafter.)

PHYSICS 361L-362L. *Mechanics and Heat Laboratory.* 1st and 2nd semesters; 1 double period a week; 1 credit each semester. To be taken concurrently with Physics 361-362. *Required of physics majors.* (This course was offered formerly as Physics 61L-62L.)

PHYSICS 497-498. *Problems in Physics.* Offered each semester; 1 to 3 credits each semester.

A conference course in which the subject matter and experimental work are selected to meet the needs and interests of each individual student. Open with permission of the head of the department. (This course was offered formerly as Physics 97-98.)



Division of the Social Sciences

MR. E. L. SMITH, *Director*

Business and Business Education

MR. DICKERSON, *Head of the Department*

MISS ANDERSON, MRS. COFFMAN, MISS HERR,
MISS RUCKER, MR. SANDERS, AND MR. WALSH

A *major* in business and business education may be obtained in the following areas: (1) business teaching—Curriculum V; (2) secretarial—Curriculum XI, Plan I; (3) business administration and accounting—Curriculum XI, Plan II.

Students who have completed courses in typewriting or shorthand in high school or business college may be admitted to advanced courses in these subjects on the basis of classification tests which are given by the Department of Business and Business Education. These students will then choose other business courses as substitutes for the courses from which they have been excused.

BUSINESS 100. *Introduction to Business.* Offered each semester; 3 periods a week; 3 credits.

Gives the student a general acquaintanceship with the institution of business. An elementary understanding of the history of business, the basic forms of how business is organized, financing, credit, management, wages, distribution of goods and services, and labor relations are treated in this orientation course. (This course was offered formerly as Business 10.)

BUSINESS 121-122. *Elementary Shorthand.* 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Intended to give the student a thorough understanding of the principles of Gregg Shorthand. Rapid sight reading of context material and accurate transcription of nonpreviewed dictation at eighty words per minute for three minutes are required for completion of this course. (This course was offered formerly as Business 21-22.)

BUSINESS 131. *Elementary Typewriting.* 1st semester; 3 periods a week; 2 credits.

The development of proper typewriting techniques and mastery of the typewriter keyboard with a minimum typewriting speed of thirty words a minute are required for this course. (This course was offered formerly as Business 25.)

BUSINESS 132. *Intermediate Typewriting*. 2nd semester; 3 periods a week; 2 credits.

A continuation of typewriting techniques. Students work with such applied assignments as centering, business letters, tabulations, and manuscripts. A minimum typewriting speed of fifty words per minute is required for the completion of this course. (This course was offered formerly as Business 26.)

SOCIAL SCIENCE 210. *Introduction to Economics*. 3 periods a week; 3 credits.

This course deals with the goals of our economy, its income and its distribution, competition, labor unions, debts and money, prospects and depression, control of economic fluctuations, economic growth, our international trade and our government and our economy. (This course was offered formerly as Social Science 29.) Required for majors in Business Education.

BUSINESS 223-224. *Advanced Shorthand*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A complete review of Gregg Shorthand theory, plus additional emphasis on phrasing, enlargement of vocabulary, and speed in writing. The course includes a great deal of transcription at one hundred words per minute for completion of the course. (This course was offered formerly as Business 43-44.) *Prerequisite: Bus. 121-122, or equivalent.*

BUSINESS 233. *Advanced Typewriting*. 1st semester; 3 periods a week; 2 credits.

The purpose of this course is to further increase speed and accuracy skills. Emphasis is placed on production techniques in the typewriting of business forms, letters, manuscripts, and legal documents. A minimum net speed of sixty words per minute is required. (This course was offered formerly as Business 41.)

BUSINESS 234. *Office Procedures*. 2nd semester; 3 periods a week; 2 credits.

This course is designed to provide training in the areas of office procedures which include filing, use of legal documents, manuscript writing, and statistical data. (This course was offered formerly as Business 42.)

SOCIAL SCIENCE 240. *Economic Problems*. 3 periods a week; 3 credits.

Designed to acquaint the student with the nature and functioning of our free enterprise system. Emphasis is upon such problems as conservation, financial security, labor unrest, taxation, public debt, inflation, depression, relationship of government to business. (This course was offered formerly as Social Science 49.) Required for majors in Business Education.

BUSINESS 241-242. *Elementary Accounting*. 1st and 2nd semesters; 3 periods a week; 3 credits per semester.

This course in elementary accounting principles and procedures is planned to meet the needs of all accounting majors and others who desire a background in this area. The interpretation of data and the understanding of interrelationships are emphasized. Accounts, procedures, and statements for the single proprietorship, partnership, and corporation are studied. Topics such as internal control procedures, special journals, controlling accounts, inventories, manufacturing, fixed assets and depreciation, and adjusting and closing techniques are included. (This course was offered formerly as Business 45-46.)

BUSINESS 300. *Introduction to Management*. Offered each semester; 3 periods a week; 3 credits.

A course designed to provide information in the areas of business management, decisions processes, business resources, government and international business.

BUSINESS 330. *Business Correspondence*. 1st and 2nd semesters; 3 periods a week; 3 credits.

A course dealing with the principles of effective business communication. Designed to develop skill in the composition of business letters, including application, credit, adjustment, collection, sales, and promotional letters as well as routine business correspondence. Composition, arrangement, style, and spelling are emphasized. (This course was offered formerly as Business 59.)

BUSINESS 340. *Data Processing for Business*. 1st and 2nd semesters; 3 periods a week; 3 credits.

A course designed to provide information in the areas of data processing. It familiarizes the student with the background of data processing, the language of data processing, its purpose and use, and the application of machines.

BUSINESS 343-344. *Intermediate Accounting*. 1st and 2nd semesters; 3 periods a week; 3 credits.

Devoted to a review of the fundamental principles of accounting, advanced accounting for corporations, the purposes and mechanics of cost accounting in manufacturing and analysis of financial statements. (This course was offered formerly as Business 65-66.) *Prerequisite: Bus. 241-242 or equivalent.*

BUSINESS 350. *Laboratory in Data Processing*. 1st and 2nd semesters; 5 periods a week; 3 credits.

A practical work experience course using data processing machines. Students who take this course are selected by the department. *Prerequisite: Business 340.*

BUSINESS 360. *Office Machines*. 1st and 2nd semesters; 3 periods a week; 3 credits.

Designed to give the students an understanding of the importance of computing, voice-writing, and duplicating machines in the modern office and to develop vocational competency in those machines most commonly used. Speed and accuracy in machine operations are emphasized. (This course was offered formerly as Business 60.) *Prerequisite: one year of typewriting.*

BUSINESS 375. *Cost Accounting*. 2nd semester; 3 credits.

An introductory course in cost accounting. It is designed for students who plan careers in accounting or business management and for teachers. Course includes a study of the fundamentals of cost accounting, consideration of cost flow, cost elements, cost classification, cost account cycle, voucher system and factory ledger. (This course was offered formerly as Business 75.)

BUSINESS 377. *Federal Income Tax Accounting*. 1st semester; 3 periods a week; 3 credits.

Devoted to a consideration of Federal income taxes. These topics, among others, will be studied: income, exclusions and inclusions, gain or loss on sales, exchanges, and involuntary conversions, deductions, exemptions, and pay-as-you-go withholdings. An overview is given of social security, estate, and the gift taxes levied by the Federal government. (This course was offered formerly as Business 76.)

BUSINESS 378. *Dictation and Transcription*. 2nd semester; 3 periods a week; 3 credits.

Designed to give the student advanced training in both typewriting and shorthand. Opportunity is provided for experience in taking rapid dictation, in transcribing, and in improving typewriting speed and accuracy, and the ability to work with applied typewriting problems. (This course was offered formerly as Business 78.)

BUSINESS 400. *Advertising*. 1st and 2nd semesters; 3 periods a week; 3 credits.

A survey of all forms of advertising, economic aspects of advertising, copy, layout, campaigns, media, and government control.



BUSINESS 445-446. *Advanced Accounting*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

Designed to meet the requirements of those persons who would gain an appreciation of the application of fundamental theory to a number of important fields and activities in business. Among the subjects studied are: accounting for partnerships and joint ventures; income measurement in installment sales and consignments; accounting for home office and branch-units; parent and subsidiary relationships; preparation of consolidated balance sheet, income statement, and surplus statement; and actuarial science and the application of these principles to business and accounting problems. (This course was offered formerly as Business 97-98.)

BUSINESS 487. *Marketing*. 1st semester; 3 periods a week; 3 credits.

Deals with the role of marketing in our economic society, marketing agencies, functions, methods, and costs. Attention is also given to the value and purposes of marketing research. (This course was offered formerly as Business 87.)

BUSINESS 488. *Money and Banking*. 2nd semester; 3 periods a week; 3 credits.

Deals with the function of finance in business, the evolution of money, its value, effects of monetary fluctuations, monetary reform, and the structure and functions of banking, including governmental agencies, which are intended to supplement private institutions. (This course was offered formerly as Business 88.)

BUSINESS 489. *Personnel Administration*. 1st semester; 3 periods a week; 3 credits.

The purpose of this course is to study employer-employee relationships in business and in industry. Personnel policies and methods are examined. The selection, placement, training, and promotion of employees; their production incentives, health, and safety. Recent trends in employment practices are stressed. (This course was offered formerly as Business 89.)

BUSINESS 495. *Business Law*. 2nd semester; 3 periods a week; 3 credits.

Fundamental principles of the law of contracts, agency, and negotiable instruments are studied in detail with emphasis on the part these laws play in both personal and business life. (This course was offered formerly as Business 95.)

BUSINESS 496. *Salesmanship*. 2nd semester; 3 periods a week; 3 credits.

A study of the several phases of salesmanship including preparation, approach, demonstration, objection, and close, and the role of selling in our economy. (This course was offered formerly as Business 96.)

BUSINESS EDUCATION COURSES

BUSINESS EDUCATION 370. *Methods and Materials in Teaching Basic Business*. 2nd semester; 3 periods a week; 3 credits.

The objectives, principles, and curriculum of education and business education on the secondary level are followed by techniques, materials, and procedures which may be used effectively in teaching the basic business subjects. (This course was offered formerly as Business Education 70.) *Prerequisite: Education 360 or its equivalent.*

BUSINESS EDUCATION 470. *Methods and Materials in Teaching Skill Subjects*. 1st semester; 3 periods a week; 3 credits.

The application of the psychological principles of building skill to the techniques, materials, and procedures for teaching effectively the skills involved in typewriting, shorthand and transcription, and clerical practice. (This course was offered formerly as Business Education 80.)

Home Economics

MISS ROWE, *Head of the Department*

MISS COPPER, MISS C. DRIVER, MRS. A. DRIVER,
MRS. LOCKARD, AND MISS SIEG

The department of home economics serves four purposes: preparation for vocational home economics teachers, dietitians, institution managers, and home economists in business. Many courses are open for students in other curricula who are interested in home and family life.

If a student wishes to teach home economics, she should choose Curriculum IV; if she wishes to be a dietitian or institution manager, she should choose Curriculum IX; if she wishes to become a home economist in business, she should choose Curriculum X. With careful planning it is possible for a student to have a double major in teaching and institution management.

HOME ECONOMICS 133. *The Contemporary Family*. 1st semester; 1 double and 2 single periods a week; 3 credits.

This course is an orientation into objectives of home economics. The important changes and trends in home management are studied. Emphasis is placed on the influence of the family unit in community life and the responsibilities which men and women assume when they establish a home. Laboratory hours are used for field trips and work experiences typical of family living. (This course was offered formerly as Home Economics 10.)

HOME ECONOMICS 140. *Foods*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

The basic principles of preparation of foods are the main emphases in this course. Introduction is made to menu planning and food service. Laboratory activities are planned to acquaint the student with desirable standard products in each food group. (This course was offered formerly as Home Economics 20.)

HOME ECONOMICS 180. *Elementary Nutrition*. Offered each semester; 1 double and 2 single periods a week; 3 credits.

A study is made of the nutritive properties of foods and of the requirements of the body for energy, proteins, minerals and vitamins. Application is made to the individual under normal conditions of health. (This course was offered formerly as Home Economics 19.)

HOME ECONOMICS 210. *Clothing Selection and Construction*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

A study of the problems of clothing selection for the student and family members. The practicing of the principles of the wise choice of fabrics and the learning of basic skills of clothing construction. (This course was offered formerly as Home Economics 40.)

HOME ECONOMICS 254. *Housing and Equipment*. 2nd semester; 2 single and 1 double period a week; 3 credits.

This course is a study of house planning, the choice of equipment, its use and care. This course is closely correlated with basic art and household physics. (This course was offered formerly as Home Economics 46.) *Prerequisite: Phys. 140 or the equivalent.*

HOME ECONOMICS 290. *Textiles*. Offered each semester; 2 single and 1 double period a week; 3 credits.

A general study of natural and man-made fibers in relation to their physical and chemical characteristics which affect their use and care. (This course was offered formerly as Home Economics 39.)

HOME ECONOMICS 300. *Child Development*. Offered each semester; 3 periods a week; 3 credits.

A study is made of factors involved in the physical, intellectual, social, and emotional growth of the young child. Special emphasis is given to the importance of family relationships. The student has opportunities to work with young children both in families of the community and in the campus nursery school. (This course was offered formerly as Home Economics 89.) *Prerequisite: Psy. 231-232, Psy. 233-234, or the equivalent.*

HOME ECONOMICS 310. *Tailoring Techniques*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

Tailoring techniques are studied comparing custom-made details and quick methods of construction. Values and qualities of tailored garments are evaluated. (This course was offered formerly as Home Economics 59.) *Prerequisite: H. E. 210 or its equivalent.*

HOME ECONOMICS 320. *Consumer Economics*. Offered each semester; 3 periods a week; 3 credits.

This course is a study of the consumer aspect of activity in our economic system. It deals with the problems of the family relating to judging quality, checking quantity, and comparing prices in consumer buying. (This course was offered formerly as Home Economics 69.) *Prerequisite: S.S. 210.*

HOME ECONOMICS 330. *Family Relations*. Offered each semester; 3 periods a week; 3 credits.

A study of the relationships in modern family living with emphasis on dating, courtship, marriage, marital adjustment, and intergeneration relationships. (This course was offered formerly as Home Economics 30.) This course may also be counted for credit in Social Science.

HOME ECONOMICS 333. *Health of the Family*. Offered each semester; 1 double and 2 single periods a week; 3 credits.

This course is a study of family health, including home care of the sick and injured. Prenatal, postnatal and infant care are stressed. (This course was offered formerly as Home Economics 50.) *Prerequisite: Htb. 200 or the equivalent.* Home Economics 333 is also listed for credit for physical and health education majors.

HOME ECONOMICS 343. *Demonstration Cookery*. 1st semester; 1 single and 2 double periods a week; 3 credits.

The use of the lecture-demonstration for imparting knowledge is the basis of this course. Laboratory experiences are provided to demonstrate how the business home economist, teacher and extension worker can effectively use this technique. (This course was offered formerly as Home Economics 57.) *Prerequisite: H. E. 140 or its equivalent.* (Offered in 1966-67 and alternate years thereafter.)

HOME ECONOMICS 350. *Related Arts in the Home*. Offered each semester; 1 single and 2 double periods a week; 3 credits.

This course deals with selection of furnishings for the home and interior decoration. Laboratory hours devoted to construction of draperies and slipcovers; restoring accessories and furniture. Additional experiences in flower arrangement, rug making, and chair reseating. (This course was offered formerly as Home Economics 55.)

HOME ECONOMICS 380. *Advanced Nutrition*. Offered each semester; 1 double and 2 single periods a week; 3 credits.

The nutrients and their role in intermediary metabolism is studied. Application is made to feeding individuals, families, and the world. Experimental animals are used for feeding studies. (This course was offered formerly as Home Economics 60.) *Prerequisite: H. E. 180 or its equivalent.*

HOME ECONOMICS 414. *Flat Pattern Design and Costume Art*. 2nd semester; 1 single and 2 double periods a week; 3 credits.

This course is planned to give students an appreciation of the possibilities and scope of clothing and the world of fashion. Emphasis upon fitting and pattern alteration, and the use of a sloper. The student achieves the unusual and fashionable in garment construction by the

use of detail and decorative finishes or by original dress design. (This course was offered formerly as Home Economics 78.)

HOME ECONOMICS 443. *Experimental Foods*. 1st semester; 1 double period and 1 three-hour period a week; 3 credits.

An introduction to research in foods. Different techniques of food preparation are studied and evaluated for most acceptable methods to obtain standard food products. (This course was offered formerly as Home Economics 96.) *Prerequisite: H. E. 140.* (Offered 1965-66 and alternate years.)

HOME ECONOMICS 444. *Advanced Foods*. 2nd semester; 1 double and 1 three-hour period a week; 3 credits.

An introduction to haute cuisine. The laboratory provides opportunity to become familiar with gourmet foods and their preparation. (This course was offered formerly as Home Economics 76.) *Prerequisite: H. E. 140.*

HOME ECONOMICS 463. *Institution Equipment*. 1st semester; 2 periods a week; 2 credits.

The emphasis is on institution buying and the selection of equipment. The course includes instruction in market conditions, and in the wholesale buying of foods and supplies; the selection, buying, and placing of equipment. Field trips are a part of the course. (This course was offered formerly as Home Economics 77.)

HOME ECONOMICS 464. *Food Cost Accounting*. 2nd semester; 1 single and 1 double period a week; 2 credits.

Accounting procedures and budget control of food services are studied. (This course was offered formerly as Home Economics 88.) Offered in 1965-66 and in alternate years thereafter.

HOME ECONOMICS 465. *Institution Organization*. 1st semester; 2 periods a week; 2 credits.

Organization, management, personnel, and labor as they pertain to the responsibilities of a food service director are studied. (This course was offered formerly as Home Economics 87.)

HOME ECONOMICS 467. *Directed Institution Management*. 1st semester; 6 credits.

This course is designed to give the student, under supervision, an opportunity to participate in each phase of the management of a large food unit as it pertains to the routine food service of the College. Experience in catering is received through the preparation and serving of teas, luncheons, and banquets as they pertain to the social life of the College.

Quantity Cookery:

This course gives the student experience in the preparation of food for large groups. Large quantity recipes, menus suited to needs, and the conditions pertaining to a large food unit are studied. Market lists are made out, supplies requisitioned, and food prepared in the College kitchen, tearoom, and public school cafeterias. Quantity Cookery is a part of Directed Institution Management. *A scholarship index of 2.00 is required.* (This course was offered formerly as Home Economics 80.)

HOME ECONOMICS 470. *Home Management Residence.* Offered each half semester; 4 credits.

Democratic principles in family living constitute the basis upon which the home management experience is planned. The areas of responsibility are rotated to give each family member experience in all phases of homemaking with emphasis upon management of time, energy, and resources. Each student participates in the care and development of children in a family. A scholarship index of 2.00 is required for residence. (This course was offered formerly as Home Economics 99.) *Prerequisites: H. E. 133, 140, 180, 254, 300, 320, or their equivalent.*

HOME ECONOMICS 474. *Managing a Home.* 2nd semester; 2nd eight-week period; 2 credits.

This course is designed for the senior student who is anticipating managing a home soon after graduation. It gives some insight into and appreciation of the problems involved in managing a home through eight weeks residence in the Home Management House. (This course was offered formerly as Home Economics 86.)



HOME ECONOMICS 484. *Diet Therapy*. 2nd semester; 1 double and 2 single periods a week; 3 credits.

A study of the use of diet in preventing disease and as a means of treating disease. (This course was offered formerly as Home Economics 95.) *Prerequisite: H. E. 380 and Biochemistry*. (Offered in 1965-66 and alternate years.)

HOME ECONOMICS 497-498. *Special Studies in Home Economics*. Offered each semester; 1 to 3 credits a semester.

Capable students may select to do independent study in an area of home economics under faculty supervision. (This course was offered formerly as Home Economics 97-98.) *Prerequisite: consent of the head of the department*.

HOME ECONOMICS EDUCATION COURSES

HOME ECONOMICS EDUCATION 303. *Home Economics Education*. 1st semester; 3 periods a week; 3 credits.

Students are provided experiences which help them formulate a philosophy of homemaking education. Upon the basis of this philosophy, techniques for making pupil, school, and community studies are analyzed, resource units are developed, and teaching procedures for solving problems are evaluated. Major emphasis is given to developing concepts and generalizations applicable to a teaching situation. (This course was offered formerly as Home Economics Education 68.)

HOME ECONOMICS EDUCATION 400. *Vocational Home Economics*. Offered each half semester; 6 periods per week; 3 credits.

A survey of the development of home economics is made. The student is provided the opportunity to study the homemaking program in the high school, its relationship to the total school program and to develop concepts and generalizations to be used in curriculum development. Special emphasis is given to the state and federal vocational recommendations.

This course is prerequisite to supervised student teaching in home economics. (This course was offered formerly as Home Economics Education 79.) *Prerequisite: H. E. Ed. 303 or its equivalent*.

HOME ECONOMICS EDUCATION 480-C. *Directed Teaching in Home Economics*. Offered each half semester; 8 credits.

The student assumes the responsibility for teaching in one of the high school centers under the supervision and direction of the resident supervisors. The student visits in the homes of the pupils in the community, attends professional meetings, and participates in the activities of the school and community. (This course was offered formerly as H. E. Ed. 90-C.)

Library Science

MR. PALMER, *Head of the Department*

MISS HOOVER, MISS JONES AND MRS. MASON

Library science courses are open to all students, but majors and minors can be accepted only in Curricula II and III. Students in Curriculum I may choose library science for their area of concentration. Students should attempt to take courses in order of course numbering.

Major: Twenty-four semester hours in library science. Required library science courses are L. S. 240, L. S. 354, L. S. 365, L. S. 366, L. S. 370, L. S. 477, L. S. 478, and L. S. 480.

Minor: L. S. 240, L. S. 354, L. S. 365, L. S. 366, L. S. 477, and L. S. 480. (The above Minor requirements do not meet Virginia State Board of Education certification requirements for Library Science. With the addition of L. S. 478, certification requirements will be met.)

LIBRARY SCIENCE 240. *Library Resources for Children.* Offered each semester; 3 periods a week; 3 credits.

Principles and aids to help teachers become familiar with the literature available for children. Emphasis is placed upon wide acquaintance with the books to be used by the children. Some attention will be given to the history of children's literature, to general information books, to sources of reference materials, and to magazines for children. (This course was offered formerly as Library Science 49.)

LIBRARY SCIENCE 354. *Library Resources for Young People.* 2nd semester; 3 periods a week; 3 credits.

The purpose of this course is to introduce students to the wealth of printed materials available for young people. Students will examine and read extensively among the books that have been written for young people in order to learn how to select and use the best reading material. A project in a subject and grade level of greatest interest to the student may be undertaken as a part of the course. (This course was offered formerly as Library Science 50.)

LIBRARY SCIENCE 365. *Organization of Materials.* 1st semester; 3 periods a week; 3 credits.

Acquisition and preparation of books and other materials for use. Methods of ordering, simplified cataloging, the mechanical preparation of materials, and circulation systems are considered. (This course was offered formerly as Library Science 65.)

LIBRARY SCIENCE 366. *Administration of School Libraries*. 2nd semester; 3 periods a week; 3 credits.

The functions, organization, planning, equipment, and management of the school library. Methods of teaching the use of books and libraries will also be considered. (This course was offered formerly as Library Science 66.)

LIBRARY SCIENCE 370. *Audio-Visual Materials*. Offered each semester; 3 periods a week; laboratory hours to be arranged; 3 credits.

Principles of selection and evaluation of audio-visual materials, techniques for using these teaching materials in the classroom, laboratory experience in the operation of equipment, and previewing materials available for use in the Virginia public schools. (This course was offered formerly as Library Science 76.)

LIBRARY SCIENCE 477. *Reference and Bibliography*. 1st semester; 3 periods a week; 3 credits.

A study of school library reference materials, including encyclopedias, dictionaries, yearbooks, periodical indexes, and reference books in various fields. Attention is given to the techniques of reference work. (This course was offered formerly as Library Science 77.)

LIBRARY SCIENCE 478. *Cataloging*. 2nd semester; 3 double periods a week; 3 credits.

The principles and methods of the preparation of books for use in small libraries. Students will classify and catalog under supervision. Ability to use a typewriter is important. (This course was offered formerly as Library Science 78.)

LIBRARY SCIENCE 480. *Directed School Library Service*. Offered each semester; 3 credits.

Work, under supervision, in the training schools in all phases of library service. Students majoring in library science may take this course and Ed. 480A (3 credits) instead of Ed. 480B (6 credits), or they may enroll in Ed. 480x for student teaching and directed library practice on the block plan. (This course was offered formerly as Library Science 90.) *Prerequisite:* L. S. 240, L. S. 354, L. S. 365, L. S. 366, and L. S. 477.

LIBRARY SCIENCE 485. *Survey of Librarianship*. 1st semester; 3 periods a week; 3 credits.

Designed to acquaint the prospective school librarian with the whole field of libraries and library work. The course includes the history, accomplishments, and objectives of various types of libraries, with emphasis on current trends and the relation of libraries to society. (This course was offered formerly as Library Science 97.)

LIBRARY SCIENCE 490. *Problems in School Librarianship*. 2nd semester; 3 credits.

This course provides an opportunity for intensive study of a specific topic in school librarianship. Each student will work individually on a project of his own choice. (This course was offered formerly as Library Science 99.) *Prerequisite: 24 semester hours of library science, or approval of the Head of the Department.*



Social Science and History

MR. E. L. SMITH, *Head of the Department*

MRS. BLAIR, MR. BROWN, MR. CLINE, MR. DINGLEDINE,
MR. HALLMAN, MRS. JACKSON, MR. MCFARLAND,
MR. REA, MR. SAS, MR. WHITMER, MR. WILHELM,
AND MR. WOOD

The requirement for a *major* in this department is 48 hours. Students may select either a Social Science major or a History major. The department also offers five minor programs each requiring 18 semester hours.

Students interested in a career in Social Service should consult the major program titled Pre-Professional Social Work, listed under Curriculum VIII.

MAJOR

The *Social Science* major requirements meet the State Board of Education Certification Standards for teaching both history and social science. Students are required to complete S.S. 233-234, United States History; S.S. 255-256, History of Civilization; S.S. 120, Introduction to Geography; S.S. 110, Introduction to Political Science; S.S. 210, Introduction to Economics; and S.S. 139, Principles of Sociology. Students are required to complete six additional hours in history and three additional hours in each of the following: Economics, Geography, Political Science, and Sociology or Anthropology. Six additional semester hours are to be selected from any area of the student's interest.

The *History* major consists of 24 hours of history including S.S. 233-234, United States History, and S.S. 255-256, History of Civilization. Students will complete 18 semester hours in a second Social Science selected from Economics, Geography, Political Science, or Sociology and an additional six semester hours in a third social science subject. These requirements meet the State Board of Education Certification Standards for teaching history and they will also meet the certification standards for teaching a second social science.

Students may be exempt from the course S.S. 233-234, United States History by reason of an examination, in which case they will be required to complete six semester hours in any of the following courses: S.S. 440, U. S. History, 1763-1800; S.S. 450, U. S. History, 1800-1850; S.S. 460, U. S. History Since 1900 and S.S. 470, Civil War and Reconstruction.

MINOR

A student may minor in any of the following social science subjects: Economics, Geography, Political Science, History, or Sociology. Eighteen semester hours are required for a minor.

The minor requirements are designed to meet the State Board of Education Certificate Requirements for teaching a specific subject.

ECONOMICS

SOCIAL SCIENCE 210. *Introduction to Economics.* Offered each semester; 3 periods a week; 3 credits.

This course deals with the goals of our economy, income and its distribution, competition, labor unions, debts and money, prosperity and depression, control of economic fluctuations, economic growth, our international trade and our government and economy. (This course was offered formerly as Social Science 29.) *Required for majors in Business Education.*

SOCIAL SCIENCE 240. *Economic Problems.* 2nd semester; 3 periods a week; 3 credits.

Designed to acquaint the student with the nature and functioning of our free enterprise system. Emphasis is upon such problems as conservation, financial security, labor unrest, taxation, public debt, inflation, depression, relationship of government to business. (This course was offered formerly as Social Science 49.) *Required for majors in Business Education. Prerequisite: S.S. 210. Introduction to Economics.*

SOCIAL SCIENCE 314. *Labor Problems.* Four periods a week; 2 credits.

Economic analysis applied to the labor market with emphasis on wage determination, the relation of wages to prices, the relation of wages and employment. The theory of the labor movement, history of the labor movement, and the methods and policies of labor—radical and conservative, the methods and policies of management—radical and conservative. The impact of labor-management relations on the American Economy.

SOCIAL SCIENCE 324. *Government and Industry.* Four periods a week; 2 credits.

A survey of government regulation of business in the United States and competing countries. Historical development of regulation, its present scope, its economic and philosophical basis.

SOCIAL SCIENCE 352. *Economic Ideas and Theories.* Three periods a week; 3 credits.

This course is designed to acquaint the student with the major economic thought from early times to the present. The classical literature will be examined and the important ideas and theories will be analyzed and compared. (This course was offered formerly as Social Science 52.)

SOCIAL SCIENCE 477. *Comparative Economic Systems*. Three periods a week; 3 credits.

A comparison between communism, socialism, fascism, and capitalism will be made. The economic systems of the world's major powers will be analyzed in terms of production, distribution of income, population, and other important factors. (This course was offered formerly as Social Science 77.) *Prerequisite: S.S. 210. Introduction to Economics.*

SOCIAL SCIENCE 478. *Economic History of the United States*. Three periods a week; 3 credits.

The changing pattern of agricultural and industrial production from colonial times; the rise of the modern corporation and the labor movement; the changing class structure; the development of business and banking institutions; and comparative standards of living. (This course was offered formerly as Social Science 78.) *Prerequisite: S.S. 233-234. United States History.*

SOCIAL SCIENCE 479. *Principles of Investment*. Offered each semester; 2 periods a week; 2 credits.

This course will offer the student some theories and practices of investment in a free enterprise economic system. An analysis of stocks, bonds, investment trusts, insurance, real estate, the operation of the stock market and other elements of investment. (This course was offered formerly as Social Science 79.)

GEOGRAPHY

SOCIAL SCIENCE 120. *Introduction to Geography*. Three periods a week; 3 credits.

The systematic study of the nature of man's habitat noting similarities and differences which occur throughout the globe. Elements of the natural environment are studied with the emphasis upon their inter-relationship. World population growth and distribution as well as man's activities are touched upon during the study. (This course was offered formerly as Social Science 20.) *Prerequisite for all other geography courses.*

SOCIAL SCIENCE 230. *Human Geography*. 2nd semester; 3 periods a week; 3 credits.

Man's adaptation to his environment. Such phenomena as population distribution, settlement patterns, ways of making a living, and various culture patterns will be investigated. (This course was offered formerly as Social Science 30.) *Prerequisite: S. S. 120. Introduction to Geography.*

SOCIAL SCIENCE 335. *Geography of Africa*. Two periods a week; 2 credits.

The physical environment, natural resources and human geographical patterns of Africa.

SOCIAL SCIENCE 336. *Geography of Anglo-America*. 1st semester; 2 periods a week; 2 credits.

A regional study of the United States and Canada organized from the geographical point of view and based upon the distribution of physical and cultural features. Special consideration is given to the distribution of different kinds of production throughout the countries. (This course was offered formerly as Social Science 36.)

SOCIAL SCIENCE 337. *Geography of Latin America*. 2nd semester; 2 periods a week; 2 credits.

A geographical approach to physical and cultural aspects of Latin America. Emphasis is placed on population distribution, past and present, as influenced by these physical and cultural factors. (This course was offered formerly as Social Science 37.)

SOCIAL SCIENCE 345. *Economic Geography*. Offered each semester; 3 periods a week; 3 credits.

Deals with the geographic factors influencing successful production, manufacturing, transportation, and man's use of the leading commodities from such sources as the farm, the mine, and water bodies. Recent changes and adjustments are stressed. (This course was offered formerly as Social Science 45.)

SOCIAL SCIENCE 346. *Geography of Europe*. 1st semester; 2 periods a week; 2 credits.

A regional study of the continent dealing with environmental background. Particular emphasis is placed upon physical elements of position, relief, and climate that have made Europe an important continent. (This course was offered formerly as Social Science 46.)

SOCIAL SCIENCE 347. *Geography of Asia*. 2nd semester; 2 periods a week; 2 credits.

The regions of the principal Asiatic countries are studied, observing how people in each area are influenced by natural environment. Past contributions of the continent and the future development of economic importance and trade are considered. (This course was offered formerly as Social Science 47.)

SOCIAL SCIENCE 348. *Geography of U.S.S.R. and China*. Two periods a week; 2 credits.

A regional study of the physical and cultural aspects of the U.S.S.R.

and China. Special consideration will be given to population distribution, economic activities, and political characteristics.

SOCIAL SCIENCE 415. *Meteorology and Climatology*. Three periods a week; 3 credits.

The systematic study of the atmosphere with emphasis upon such phenomena as temperature, pressure, humidity, airmasses and fronts; the occurrence of these phenomena on a global basis; and a detailed survey of the world-wide distribution of climatic types.

SOCIAL SCIENCE 475. *Political Geography*. 2nd semester; 3 periods a week; 3 credits.

A study of geographic factors as they relate to political and economic conditions in both the United States and the World. Special consideration will be given to areas of current interest. (This course was offered formerly as Social Science 70.) *Prerequisite: six semester hours of history.*

HISTORY

SOCIAL SCIENCE 233-234. *United States History*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

This course deals with the rise and development of our country and its institutions from colonial times to the present. Attention is given to the evolution and character of the government and to the social, economic, and cultural growth of the nation. A special effort is made to develop an appreciation of our national heritage and to promote effective citizenship by providing an understanding of our democracy and its problems. (This course was offered formerly as Social Science 33-34.)

SOCIAL SCIENCE 255-256. *History of Civilization*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

This course deals with important historical developments from earliest times to the present, with special attention to recent centuries. Emphasis is given to the rise and decline of great civilizations and to their lasting contributions to mankind. Significant personalities, discoveries, inventions, and movements are stressed. The entire course is presented with the specific purpose of aiding students to understand the contemporary world and its problems. (This course was offered formerly as Social Science 55-56.)

SOCIAL SCIENCE 350. *Virginia History*. Offered each semester; 3 periods a week; 3 credits.

This is a study of the history of Virginia from colonial times to the present. Attention is given to current political, economic, and social problems and conditions. (This course was offered formerly as Social Science 50.) *Prerequisite: S. S. 233-234. United States History.*

SOCIAL SCIENCE 363. *History of Africa*. 1st semester; 3 periods a week; 3 credits.

This course will emphasize the social and cultural aspects as well as the emerging role the continent plays in contemporary world history.

SOCIAL SCIENCE 364. *History of Latin America*. 2nd semester; 3 periods a week; 3 credits.

The purpose of this course is to acquaint the student with the history, culture, and significance of the Latin American republics. Emphasis is given to the relations of these nations with the United States and especially to the development of the good neighbor policy.

SOCIAL SCIENCE 365. *Europe from 1815 to 1870*. 1st semester; 3 periods a week; 3 credits.

This course surveys political and diplomatic history from the Peace of Vienna to the Franco-Prussian War. Emphasis is given to such significant movements as nationalism, romanticism, the Industrial Revolution, and the beginnings of socialism. (This course was offered formerly as Social Science 65.)

SOCIAL SCIENCE 366. *Europe Since 1870*. 2nd semester; 3 periods a week; 3 credits.

This course surveys political and diplomatic history to the present. Attention is given to the intellectual and social climate of the period, to the growth of democracy, and of communism, and to developments in the arts, literature, and scientific thought. (This course was offered formerly as Social Science 66.)

SOCIAL SCIENCE 440. *United States History, 1763-1800*. Three periods a week; 3 credits.

An interpretive study of the political, economic, social, and cultural history of the United States from the French and Indian War through the Federalist period.

SOCIAL SCIENCE 450. *United States History, 1800-1850*. Three periods a week; 3 credits.

An interpretive study of the political, economic, social and cultural history of the United States from the election of Jefferson to the Compromise of 1850.

SOCIAL SCIENCE 460. *United States History Since 1900*. Three periods a week; 3 credits.

An interpretive study of the history of the United States in the 20th century with emphasis on economic, intellectual and social life.

SOCIAL SCIENCE 470. *Civil War and Reconstruction*. 1st semester; 3 periods a week; 3 credits.

This course is a detailed study of the background, development, personalities, and aftermath of the Civil War. Opportunity will be provided for informal discussion and for research based on individual interests. (This course was offered formerly as Social Science 90.)

SOCIAL SCIENCE 480. *The History of Modern Russia*. 2nd semester; 3 periods a week; 3 credits.

An introduction to the history of nineteenth and twentieth century Russian history. Emphasis will be placed on the decline of imperial Russia, the origin of the revolutionary movement, and the rise of the contemporary Soviet State. (This course was offered formerly as Social Science 80.)

SOCIAL SCIENCE 483. *Early England*. 1st semester; 3 periods a week; 3 credits.

This course is a survey of England during her formative centuries. Emphasis is given to the mingling of the races and the making of the nation. Special attention is given to the evolution of British government and also to its influence upon the political ideas and institutions of the United States. (This course was offered formerly as Social Science 83.)

SOCIAL SCIENCE 484. *England and the Empire-Commonwealth*. Three periods a week; 3 credits.

This course traces the history of England from the early eighteenth century down to the present. Emphasis is placed upon the development of the cabinet form of government, the industrial revolution, and particularly to the growth and organization of the Empire-Commonwealth and its role in world affairs. (This course was offered formerly as Social Science 84.)

SOCIAL SCIENCE 487. *Medieval History*. Three periods a week; 3 credits.

This course focuses attention on Europe in the Middle Ages, with a concentration on social and intellectual aspects and on the development of parliamentary institutions.

SOCIAL SCIENCE 488. *Ancient History*. Three periods a week; 3 credits.

This course is a survey of the rise and fall of ancient civilizations with concentration on the contributions of Greece and Rome to western civilization. (This course was offered formerly as Social Science 88.)

SOCIAL SCIENCE 489. *The History of Modern Asia*. 2nd semester; 3 periods a week; 3 credits.

An introduction to the history of India, China, Japan, Korea, and Southeast Asia during the past century. Emphasis will be placed upon the impact of Western Civilization upon the area and the consequent internal political, economic, and intellectual changes. (This course was offered formerly as Social Science 89.)

POLITICAL SCIENCE

SOCIAL SCIENCE 110. *Introduction to Political Science*. Three periods a week; 3 credits.

Introduction to concepts, organization, and terminology of government. Basic introductory material for the study of political science, including national, state, and local government, international relations, comparative government, constitutional law, and political theory.

SOCIAL SCIENCE 125. *United States Government*. 1st semester; 3 periods a week; 3 credits.

This is a basic course in the American political system, having for its fundamental purpose the development of responsible citizenship. Detailed coverage will be made of the origin, structure, functions, and current trends of national government. Some comparison is made of the structure and ideologies of American and foreign governments. (This course was offered formerly as Social Science 25.)

SOCIAL SCIENCE 226. *State and Local Government*. 2nd semester; 3 periods a week; 3 credits.

This is a study of state and local government in the United States, with particular focus on Virginia. Emphasis is placed on an understanding of the framework, functions, and problems of state and local (rural and urban) governments, and the responsibilities of the individual citizen. (This course was offered formerly as Social Science 26.)

SOCIAL SCIENCE 310. *Modern Political Theory*. Three periods a week; 3 credits.

Emphasis upon selected political thinkers from Machiavelli to the present with some attention given to prior theorists such as Plato and Aristotle. Among the concepts to be considered are the state, natural law, and sovereignty.

SOCIAL SCIENCE 325. *Constitutional Law*. Three periods a week; 3 credits.

This course provides students with an opportunity to study the legal aspects of the Democracy system. The Constitution will be examined from the developmental frame-of-reference. Case studies will be used to portray important events and changes.

SOCIAL SCIENCE 469. *Political Parties, Pressure Groups, and Propaganda.* Three periods a week; 3 credits.

This course is a study of national political parties and elections. Attention is given to the origin and evolution of the major and important minor parties, the nomination and election process, the presidential campaign, the role and practical working of political parties, the influence of public opinion and pressure groups, and the responsibilities of the individual voter. (This course was offered formerly as Social Science 69.)

SOCIAL SCIENCE 474. *Comparative Government.* 2nd semester; 3 periods a week; 3 credits.

Comparative analysis by countries of constitutions, political structures, and functions, with major emphasis upon the United States, the United Kingdom, France, West Germany, and Russia. (This course was offered formerly as Social Science 74.)

SOCIAL SCIENCE 481. *International Relations.* 1st semester; 3 periods a week; 3 credits.

This course is a study of some of the principles and factors affecting international relations. The main purpose is to promote an understanding of the behavior of nations in their relations with one another. Some of the topics covered are the elements of national interest, international law, and the conduct of diplomacy. (This course was offered formerly as Social Science 81.)

SOCIAL SCIENCE 482. *Contemporary World Problems.* 2nd semester; 3 periods a week; 3 credits.

This course is an analytical study of some of the outstanding world problems of today, those studied being determined by the exigencies of the moment. Some representative topics are world politics in the atomic age, the nature of the East-West conflict; the Middle East, the rise of nationalism, and inter-national organization and the quest for peace. (This course was offered formerly as Social Science 82).

SOCIOLOGY

SOCIAL SCIENCE 139. *Principles of Sociology.* Offered each semester; 3 periods a week; 3 credits.

A study of the interrelationship of kinship, occupation, religion, education and social stratification in present day United States. (This course was offered formerly as Social Science 39.)

SOCIAL SCIENCE 250. *Social Problems.* Offered each semester; 3 periods a week; 3 credits.

Designed to introduce the student to the nature of social organization and social disorganization. Emphasis is on problems relating to family

behavior, juvenile delinquency, social stratification, social mobility, and mental health. (This course was offered formerly as Social Science 48.)

SOCIAL SCIENCE 360. *Modern Social Movements*. 1st semester; 3 periods a week; 3 credits.

This course is organized to introduce the student to some of the major social movements since 1800. The focus of attention will be on social and cultural change and will include such topics as urbanization, industrialization, the cooperative movement, the labor movement and some special studies of unrest and change. (This course was offered formerly as Social Science 60.)

SOCIAL SCIENCE 387. *Social Welfare*. 2nd semester; 3 periods a week; 3 credits.

The purpose of this course is to provide an understanding of the philosophy and practices of modern social welfare. It includes the study of social case work, public assistance programs, family and child welfare, probation and parole and other social functions. (This course was offered formerly as Social Science 87.)

SOCIAL SCIENCE 400. *American Folklore*. Two periods a week; 2 credits.

This course will introduce the major elements into which the heritage of the common folk can be divided. Included will be holidays, beliefs, customs, folk arts, magic, tales, legends, games and songs. Selected examples will be traced from their origin to the present.

SOCIAL SCIENCE 425. *Crime and Delinquency*. Two periods a week; 2 credits.

This course will survey the recent research and reports pertaining to crime and delinquent behavior, with an emphasis on young adult deviation and youth culture standards.

SOCIAL SCIENCE 435. *Race and Minority Relations*. Two periods a week; 2 credits.

This course is a detailed study of the background and development of the contemporary problems of minority groups in America. Primary emphasis will be placed on the Negro as a minority although nationality and religious minorities will also be included.

SOCIAL SCIENCE 467. *Cultural Anthropology*. Offered each semester; 3 periods a week; 3 credits.

The purpose of this course is to acquaint the student with man in the primitive world including such topics as prehistoric times, primitive

technology and culture, and cultural and social evolution. Emphasis will be placed on the study of social change. (This course was offered formerly as Social Science 67.)

SOCIAL SCIENCE 468. *Community Organization*. 2nd semester; 3 periods a week; 3 credits.

Studies of rural and urban communities are used as a means of understanding social organization at the community level. Helpful for making effective use of human resources within the community. (This course was offered formerly as Social Science 68.)

SOCIAL SCIENCE

SOCIAL SCIENCE 490. *Special Studies in the Social Sciences*. Offered each semester; 3 credits a semester.

Designed to give capable students in social science an opportunity to do independent study under faculty supervision. The student may do special work in any of the following: Economics, Geography, Government, History, and Sociology or Anthropology. (This course was offered formerly as Social Science 99.) *Prerequisite: Recommendation of the instructor and permission of the Head of the Department.*

Division of Teacher Education

MR. CALDWELL, *Director*

DEPARTMENT OF EDUCATION AND PSYCHOLOGY

MR. CHARLES G. CALDWELL	<i>Professor; Head of the Department</i>
MRS. ROSALIE N. ALLISON	<i>Assistant Professor of Psychology</i>
MR. CHARLES W. BLAIR	<i>Assistant Professor of Education</i>
MR. WILLIAM D. COVELL	<i>Assistant Professor of Psychology</i>
MR. GARNEY L. DARRIN	<i>Associate Professor of Education</i>
MR. HENRY M. GOFF, JR.	<i>Assistant Professor of Education</i>
MR. CLARENCE R. HAMRICK	<i>Associate Professor of Education</i>
MR. WALTER HEEB, JR.	<i>Assistant Professor of Education</i>
MRS. KATE EVANGELINE HOBSON	<i>Instructor of Education</i>
MISS JANET C. HOPKINS	<i>Assistant Professor of Education</i>
MISS M. MAE KELLY	<i>Associate Professor of Psychology</i>
MRS. MARY O. MURPHY	<i>Associate Professor of Education</i>
MR. RAYMOND J. POINDEXTER	<i>Professor of Education</i>
MR. E. L. TOLBERT	<i>Professor of Education</i>
MR. JOSEPH TOMS, JR.	<i>Assistant Professor of Education</i>
MISS COLUMBIA WINN	<i>Associate Professor of Psychology</i>

LABORATORY SCHOOL EXPERIENCES STAFF

MR. RAYMOND J. POINDEXTER *Director*

COORDINATORS OF STUDENT TEACHING

Harrisonburg—MR. RAY V. SONNER, *Superintendent*

Rockingham County—MR. WILBUR S. PENCE, *Superintendent*

FIELD SUPERVISORS

For Elementary Education

MR. CHARLES W. BLAIR, *Assistant Professor*
MISS JANET HOPKINS, *Assistant Professor*

For Secondary Academic

MRS. KATE EVANGELINE HOBSON, *Instructor*
MRS. MARY O. MURPHY, *Associate Professor*
MR. JOSEPH TOMS, JR., *Assistant Professor*

For Business Education

MISS SARA ANDERSON, *Assistant Professor*

For Home Economics Education

MISS MARTHA SIEG, *Assistant Professor*

For Music

MR. WARREN SCHUETZ, *Associate Professor*

For Physical and Health Education

MISS PATRICIA J. BRUCE, *Associate Professor*

ANTHONY-SEEGER CAMPUS SCHOOL

MR. DARRIN, *Director*MISS EMILY V. BUSHONG, *Assistant Professor*, Supervisor of Seventh GradeMISS RUTH COOPER, *Assistant Professor*, Supervisor of Second GradeMRS. BETTY COYLE, *Instructor*, Supervisor of Sixth GradeMRS. MILDRED DICKERSON, *Assistant Professor*, Supervisor of Nursery SchoolMRS. JACQUELINE D. DRIVER, *Assistant Professor*, Supervisor of Fourth GradeMRS. ZULA HERRING MASON, *Assistant Professor of Library Science*, LibrarianMRS. LYDIA PURSER MEEKS, *Assistant Professor*, Supervisor of Fifth GradeMRS. ANGELA S. REEKE, *Assistant Professor*, Supervisor of Third GradeMISS EVELYN WATKINS, *Assistant Professor*, Supervisor of First GradeMISS ELSIE WIGLEY, *Assistant Professor*, Supervisor of Kindergarten

STUDENT TEACHING STAFF

(Rockingham County and Harrisonburg)

MISS GRACE HERR, *Assistant Professor*, Supervisor in Secondary School (Business Education)MISS KATHARINE SIEG, *Assistant Professor*, Supervisor in Secondary School (English)

Representatives from Subject Matter Departments—1964-65

Art—MISS GROVE

Biology—MR. BODKIN

Business Education—MR. WALSH

Chemistry—MR. PARTLOW

English—MR. DAY

Foreign Language—MR. PERLMAN

Geology—MR. HARNSBERGER

Home Economics—MRS. LOCKARD

Library Science—MISS JONES

Mathematics—MR. GRUNWALD

Music—MISS WEBB

Physical Education—MISS GARCIA

Physics—MR. WELLS

Social Science—MR. HALLMAN

Education and Psychology

MR. CALDWELL, *Head of the Department*

MRS. ALLISON, MR. BLAIR, MR. COVELL, MR. DARRIN,
MR. GOFF, MR. HAMRICK, MR. HEEB, MRS. HOBSON,
MISS HOPKINS, MISS KELLY, MRS. MURPHY,
MR. POINDEXTER, MR. TOLBERT,
MR. TOMS, MISS WINN

Laboratory School Experiences Staff: Mr. Poindexter, Director. Co-ordinators of Student Teaching: Mr. Sonner, Mr. Pence. Field Supervisors: Miss Anderson, Mr. Blair, Miss Bruce, Mrs. Hobson, Miss Hopkins, Mrs. Murphy, Miss M. Sieg, Mr. Schuetz, Mr. Toms. Student Teaching Staff: Miss Herr, Miss K. Sieg.

Anthony-Seeger Campus School Staff: Mr. Darrin, Director. Miss Bushong, Miss Cooper, Mrs. Coyle, Mrs. Dickerson, Mrs. Jacqueline Driver, Mrs. Mason, Mrs. Meeks, Mrs. Reeke, Miss Watkins, Miss Wigley.

There is no major or minor in Education offered by the department of Education and Psychology. A student enrolled in Curriculum I (Elementary Education) can concentrate in Special Education by choosing those courses which lead to certification in this field in conference with the Head of the Department.

EDUCATION

EDUCATION 357. *Social Studies in the Elementary School.* 1st semester; 3 periods a week; 3 credits.

This course is designed to examine the content of the Social Studies, materials available in this area, and ways of organizing the group for learning. (This course was offered formerly as Education 57.)

EDUCATION 358. *Arithmetic in the Elementary School.* 2nd semester; 3 periods a week; 3 credits.

Consideration will be given to the use of manipulative, visual, and symbolic materials to give meaning to the number system, and to help the child to gain an understanding of number operations with whole numbers, fractions and decimals. The prospective teacher will consider what the pupils must learn, what the order of their learning must be, and what they must do to learn. Designed for students in Curriculum I. (This course was offered formerly as Education 58.)

EDUCATION 359. *Reading in the Elementary School.* Offered each semester; 3 periods a week; 3 credits.

This is a basic course in the teaching of reading in the elementary school. The materials and procedures which are used in the modern

school system are studied. Attention is given to teacher-made materials for use in the reading program. Testing for readiness and achievement in reading is emphasized. (This course was offered formerly as Education 59.)

EDUCATION 360. *Foundations of Curriculum*. Offered each semester; 3 periods a week; 3 credits.

This course deals with a study and evaluation of the factors, ideas, and issues which influence the public school curriculum. Consideration is given to such topics as: basic ideas which influence organization and content; various programs found in theory and practice; and the scope and sequence of the curriculum. (This course was offered formerly as Education 60.) *Prerequisite: Psy. 233-234, or equivalent.*

EDUCATION 364. *Reading Problems*. 2nd semester; 3 periods a week; 3 credits.

An advanced course in reading. Students give reading tests and interpret results. They plan remedial programs and, as far as schedules allow, participate in corrective work. Students have an opportunity to improve their own reading habits. Two class meetings a week and one laboratory period to be arranged at time of registration. (This course was offered formerly as Education 64.)

EDUCATION 369. *Methods and Materials in Teaching in the Elementary Grades*. 2nd semester; 3 periods a week; 3 credits.

This course is planned for those students preparing to teach in the elementary school. This is an integrated methods course designed to meet the developmental needs of children in the various subject fields included in the elementary school curriculum. (This course was offered formerly as Education 69.) *Prerequisite: Ed. 360, or equivalent.*

EDUCATION 370. *Methods and Materials in Teaching in the Secondary School*. Offered each semester; 3 periods a week; 3 credits.

This course is planned for those students preparing to teach in the secondary school. This is an integrated methods course designed to meet the developmental needs of youth in the various subject fields included in the secondary school curriculum. (This course was offered formerly as Education 70.) *Prerequisite: Ed. 360, or equivalent.*

EDUCATION 410. *Characteristics of Mentally Retarded Children*. 1st semester; 3 periods a week; 3 credits.

This course deals with a comprehensive overview of the field of mental retardation. The causes and prevention of mental deficiency; the characteristics of the mentally retarded; the techniques for identification; and the responsibility of the home, school, and community in the care and training of the mentally defective are among the topics studied.

EDUCATION 450. *Reading Problems in the Secondary Schools*. 1st semester; 3 periods a week; 3 credits.

Problems such as developing fundamental reading skills, organizing the class to provide for individual differences in reading, testing reading skills, and developing special reading skills such as reading for organization, critical reading and reading for main ideas will be studied.

EDUCATION 470. *History and Philosophy of Educational Thought*. Offered each semester; 3 periods a week; 3 credits.

This course includes a critical analysis of current problems of teachers as they relate to the major philosophies of modern education. (This course was offered formerly as Education 80.) *Prerequisite*: Ed. 360, or equivalent.

EDUCATION 475. *Guidance in the High School*. 1st semester; 3 periods a week; 3 credits.

This course emphasizes the role of the classroom teacher in the high school guidance program. How to help adolescents solve their problems is one of the chief considerations. Experience in the use of standardized tests and other means of obtaining information about students is provided. Techniques of counseling are demonstrated. (This course was offered formerly as Education 85.)

EDUCATION 480. *Directed Teaching*. Offered each semester; 6 credits.

Work under the direction of supervisors in the several training schools. Organization of materials for teaching, experience in classroom activities—direct teaching, guidance, recreation, study, management; teaching under public school conditions. (This course was offered formerly as Education 90.) Required in Curricula I, II, III, V, and VI. *Prerequisite*: Ed. 360, Ed. 369, Ed. 370, or equivalent.

Additional credit in directed teaching by approval in Ed. 480A, 3 semester credits; or Ed. 480B, 6 semester credits; Ed. 480C, 8 semester credits.

EDUCATION 480x. Library Science majors may elect Education 480x for four semester hours in student teaching and four semester hours in directed library service.

EDUCATION 487. *The Use of Television in Education*. 1st semester; 3 periods a week; 3 credits.

This course is designed to familiarize and prepare prospective teachers in the understanding of educational television as a medium for classroom instruction. Included will be a study of the role of the television teacher, the problems involved in the production and receiving of programs, evaluation techniques, and procedures for relating the television lesson to the total curriculum. (This course was offered formerly as Education 87.)

EDUCATION 488. *Processes and Procedures in Modern Educational Media.* 2nd semester; 3 periods a week; 3 credits.

The emphasis in this course will be the analysis and evaluation of programmed instruction, teaching machines and team teaching, and the development of criteria for evaluating these newer instructional methods and devices. (This course was offered formerly as Education 88.)

EDUCATION 490. *Independent Studies in Education and Psychology.* Offered each semester; 3 credits.

This course is designed to give capable students an opportunity to do independent research on educational or psychological problems under faculty guidance. The plan for the study must be presented to the Head of the Department for approval. (This course was offered formerly as Education 99.)

PSYCHOLOGY

A *major* in psychology will include Psy. 231-232 or Psy. 233-234, Psy. 357, Psy. 485, Psy. 487, and 15 additional semester hours in psychology recommended by the Department Head. A *minor* will include 18 semester hour credits in psychology, recommended by the department head. A *concentration* in Curriculum I will include 24 semester hour credits in psychology, recommended by the Department Head.

PSYCHOLOGY 100N. *Psychology for Students of Nursing.* 2nd semester; 3 periods a week; 3 credits.

The physical basis of mental life, the endocrine glands, the motivation of behavior, socialization, adjustment to life, personality development, psychosomatic illness, psychoneuroses, psychoses, learning and re-education. *Open only to student nurses of the Rockingham Memorial Hospital.* (This course was offered formerly as Psychology 10N.)



PSYCHOLOGY 231-232. *General Psychology*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

An introduction to the study and interpretation of human behavior in its development from infancy through adulthood. Emphasis will be placed on the social and physiological factors which influence the developing individual. Consideration will be given to such topics as perception, motivation, emotion, personality, intelligence, and learning. Some attention will be given to the behavior of lower animals. Required in Curricula VII, VIII, IX, X, XI, and XII. Those students who are interested in teaching can elect Psy. 233-234 in lieu of Psy. 231-232. (This course was offered formerly as Psychology 31-32.)

PSYCHOLOGY 233-234. *Human Growth and Development*. 1st and 2nd semesters; 3 periods a week; 3 credits a semester. (Year course.)

An overview of the significant principles describing human development and behavior and the relation of these principles to the work of the school. Case studies, observation of groups and of an individual child, are an integral part of the course.

This course is designed to meet the Virginia certification requirements in the area of human growth and development. Required in Curricula I, II, III, IV, V, and VI. Those students in Curricula VII, VIII, IX, X, and XI who are interested in teaching can elect Psy. 233-234 in lieu of Psy. 231-232. (This course was offered formerly as Psychology 33-34.)

PSYCHOLOGY 357. *Psychology of Personality*. 1st semester; 3 periods a week; 3 credits.

This course deals with the development of human personality, particularly in the early stages. The implication of mental hygiene for the school child and for the teacher will be studied. Special emphasis will be placed on the interplay of heredity and the various forces of environment and of society on the development of the integrated personality. Personality tests will be given and class and individual discussions of personality problems will be included. (This course was offered formerly as Psychology 57.) *Prerequisite: Psy. 231-232, Psy. 233-234, or equivalent.*

PSYCHOLOGY 358. *Abnormal Psychology*. 2nd semester; 3 periods a week; 3 credits.

This course includes origin and classification of mental abnormalities and also a survey of diagnosis, therapy, and prevention. Some attention is given to cultural and philosophical factors with emphasis on creative self-actualization as a standard of mental health. (This course was offered formerly as Psychology 58.) *Prerequisite: Psy. 231-232, Psy. 233-234.*

PSYCHOLOGY 369. *Psychology of Early Childhood*. 1st semester; 2 lecture hours and 2 hours participation in the Nursery School or Kindergarten each week; 3 credits.

Techniques of guiding young children based on an understanding of the preschool child are explored in this course. The philosophy of early childhood education is analyzed and basic principles and practices are examined. (This course was offered formerly as Psychology 69.) *Prerequisite: Psy. 231-232, Psy. 233-234, or equivalent.* Enrollment limited.

PSYCHOLOGY 476. *Psychology of Exceptional Children*. 1st semester; 3 periods a week; 3 credits.

This course deals with the problems of exceptional children. The major purpose is to gain a functional understanding of the various types of psychological and physical deviates, both as to the genesis of their behavior processes, their treatment, and the guiding principles involved in their education. (This course was offered formerly as Psychology 76.) *Prerequisite: Psy. 231-232, Psy. 233-234, or equivalent.*

PSYCHOLOGY 478. *Growth and Development in Adolescence*. 2nd semester; 3 periods a week; 3 credits.

This course is designed to examine and describe the essential nature of adolescence in the light of objective evidence provided by modern psychological research. Open to all students, this course is particularly valuable for students preparing to work with adolescents. (This course was offered formerly as Psychology 79.) *Prerequisite: Psy. 231-232, Psy. 233-234, or equivalent.*

PSYCHOLOGY 479. *Psychology of Learning*. 1st semester; 3 periods a week; 3 credits.

This course deals with learning as a developmental process. The various learning theories are examined and implications for classroom teaching stressed. The course is particularly valuable for students preparing to teach. (This course was offered formerly as Psychology 78.) *Prerequisite: Psy. 231-232, Psy. 233-234, or equivalent.*

PSYCHOLOGY 480. *Laboratory in Child Study*. 2nd semester; 2 lecture hours and 2 hours participation in the campus school each week; 3 credits.

Designed for students in the teaching curricula, this course will deal with the many sources of data about children, the ways of collecting and recording these data, and the techniques employed in analyzing recorded information about children and in using the findings to provide better learning environments. Each student will observe child behavior and participate in the program of the campus school. (This course was offered formerly as Psychology 80.) *Prerequisite: Psy. 231-232, Psy. 233-234, or equivalent.*

PSYCHOLOGY 485. *Psychology of Motivation*. 1st semester; 3 periods a week; 3 credits.

This course involves an advanced study of motivation in relation to perception, learning, emotions, and problem solving. Much attention is given to current experimental methods and data. (This course was offered formerly as Psychology 85.) *Prerequisites: 12 semester credit hours in psychology including Psy. 231-232, Psy. 233-234, or equivalent; and either Psy. 357 or Psy. 487.*

PSYCHOLOGY 486. *Trends in Modern Psychology*. 2nd semester; 1 double and 2 single periods a week; 3 credits.

A study of the more recent developments of the so-called "schools of psychology," including a study of the experimental contributions of each school. A selected number of experiments will be performed by the class and by individuals and wide reading in current psychological literature, in both the theory and the experimental work of each school, will also be required. (This course was offered formerly as Psychology 86.) *Prerequisite: Psy. 231-232, Psy. 233-234, or equivalent, and Psy. 485.*

PSYCHOLOGY 487. *Social Psychology*. 1st semester; 3 periods a week; 3 credits.

A study of the psychological factors involved in social behavior. Considers the interaction of personalities in society, resulting in social attitudes, culture, and institutions. The development of such phenomena as customs, crowd behavior, clubs, public opinions, propaganda, leadership, and problems of community life will be considered. (This course was offered formerly as Psychology 88.) *Prerequisite: Psy. 231-232, Psy. 233-234, or equivalent.*

PSYCHOLOGY 488. *Mental Tests and Measurements*. 2nd semester; 3 periods a week; 3 credits.

This course deals with the procedures and use of a testing program. Mental, personality, achievement, and aptitude testing is included. Students score and interpret test results. Statistical procedures necessary to interpret scores are studied. (This course was offered formerly as Psychology 89.) *Prerequisite: Psy. 231-232, Psy. 233-234, or equivalent.*

PSYCHOLOGY 490. *Independent Studies in Psychology*. Offered each semester; 3 credits.

This course is designed to give capable students an opportunity to do independent research on psychological problems under faculty guidance. The plan for the study must be presented to the Head of the Department for approval. (This course was offered formerly as Education 99.)



PART SIX

Expenses and Financial Aid

Madison College, because it is a State school, is partly financed by the people of Virginia. And because Madison endeavors to serve the people of Virginia, all the cost—both to the taxpayers and to the students—has been held as low as possible.

EXPENSES

PAYMENTS

WITHDRAWALS

REFUNDS

GUESTS

THE CAMPUS BANK

SCHOLARSHIPS AND LOANS

Expenses

Listed below are the various fees charged undergraduate students at Madison College. *The College reserves the right to adjust these fees and charges if deemed advisable by the Board of Visitors because of rising costs or other conditions.*

REGULAR FEES

	<i>Per Semester</i>	<i>Per Year</i>
1. General Fee.....	\$172.50	\$345.00
2. Student Activity Fee.....	10.00	20.00
3. Room, Board, and Laundry.....	235.00	470.00
4. Tuition Fee Required of Non-Virginia Students Only.....	150.00	300.00
5. Service Fee for Full-Time Day Stu- dents (carrying 4 or more courses—nurses excepted).....	6.00	12.00
6. Mail Service.....	1.00	2.00

SUMMARY

	<i>Per Semester</i>	<i>Per Year</i>
Virginia Day Student.....	\$189.50	\$379.00
Virginia Boarding Student.....	418.50	837.00
Non-Virginia Day Student.....	339.50	679.00
Non-Virginia Boarding Student.....	568.50	1,137.00

This summary includes the charges per semester for room (\$75.00), board (\$147.50), laundry (\$12.50), and all other charges except for music.

Student Activity Fee: A charge of \$10.00 per semester is made for *all students* and is used to finance the various student organizations, publications, and the Entertainment Course. From the collections of this fee, each student is also furnished, without extra charge, a copy of the College annual, *Bluestone*, and a subscription to the College newspaper, *The Breeze*.

Non-Virginia Students' Fee: As is noted above, an additional tuition fee is required of students who are not residents of Virginia. Chapter 1, Section 23-7 of the Virginia School Laws provides that a student is not entitled to the rates for Virginia students "unless such person has been a bona fide citizen or resident of Virginia for a period of at least one year prior to admission to said institution."

Service Fee for Day Students: A fee of \$6.00 per semester is charged all full-time day students to cover expenses for day-student lounges and other facilities provided for them on the campus.

General Fees for Student Nurses (Rockingham Memorial Hospital): One half of regular charge by special authorization of the State Board of Education.

Out-of-State Tuition: \$30.00 per course, per semester.

Graduate Students: For students taking graduate courses at the College as evening and Saturday morning classes the charge is \$45.00 for each course carrying 3 semester hours of credit. For non-Virginia students, the out-of-state tuition fee will be \$30.00 for each course.

Graduate students registering for thesis work will pay a fee of \$90.00. This amount is to be paid only once.

Undergraduate Students: There is a maximum charge for three courses at the rate of \$36.00 a course per semester, and an additional charge of \$30.00 for each course for out-of-state tuition for each student who has not been a bona fide citizen of Virginia for at least one year; for four or more courses full rates are charged.

Student Teaching: Any student taking student teaching will be classed as a full-time student and will be charged full rates.

Auditor's Fee: A person who registers as an auditor will pay the same General Fee as one who registers for credit.

Music Fees: For individual lessons in music: voice, piano, violin, organ, or other orchestral instruments, the fees will be as follows:

1. Instruction in voice, piano, violin, or other orchestral instrument

	<i>Fee</i>	<i>Practice</i>	<i>Total</i>
2 half-hour lessons per week per semester.	\$50.00	\$ 5.00	\$55.00
1 half-hour lesson per week per semester.	30.00	5.00	35.00
1 to 15 lessons per semester, each.....	1.90	.30	2.20

2. Instruction in organ

2 lessons per week per semester.....	\$50.00	\$10.00	\$60.00
1 lesson per week per semester.....	30.00	10.00	40.00
1 to 15 lessons per semester, each.....	1.90	.60	2.50

The number of lessons each student wishes to take will be arranged with instructors at the time of registration. A registration fee of \$7.50 per semester is charged music students who register only in courses given as private or individual instruction, if they desire, and are qualified for college credit for such course or courses.

Diploma Fee: A fee of \$5.00 will be charged for a Bachelor's diploma and a fee of \$7.50 for a Master's diploma.

Special Examination Fee: A charge of \$5.00 is made for each deferred examination and for the one re-examination permitted each senior. Permission to take the deferred examination must be obtained from the Dean of the College. The permission slip along with a receipt from the Treasurer's Office must be presented to the instructor prior to the examination.

Fee for Course or Schedule Adjustment: Students who desire to make changes in courses or schedule are required to do this on the day set aside for that purpose during the registration period (see Academic Calendar on pages 4 and 5). Students who make adjustments at times other than the designated date are subject to a fee of \$5.00. This fee may be excused if circumstances requiring changes are completely beyond the student's control and if the change is approved by the Dean of the College.

Fee for Late Registration: A student is subject to a fee of \$5.00 if he does not complete registration at the designated time. The Dean of the College may allow exceptions due to extenuating circumstances.

Books and Supplies: The cost of textbooks varies according to the classes in which the student is registered, but this amount may be greatly reduced by reselling the books and by purchasing secondhand texts from the College Bookstore.

Post Office Fee: Each student is required to pay a fee of \$2.00 per session for the use of a post office box.

Room, Board, and Laundry: The College has dormitory and boarding facilities for approximately 1500 women students.

1. Room, board, and laundry \$235.00 per semester
2. Board for men students \$147.50 per semester
3. Room Rent \$75.00 per semester
4. Laundry fee for men students (optional) . . . \$12.50 per semester

PAYMENTS

All fees and expenses are to be paid at the beginning of each semester. By special arrangement with the Business Manager of the College, the semester expenses of boarding students may be paid in two installments, if a parent cannot make full payment at the first of a semester.

In accordance with a regulation of the State Board of Education, no credit for college work may be given to any student for a diploma, a teacher's certificate, or for transfer purposes until all debts to the College other than student loans have been paid. Students will not be eligible to take examinations unless accounts are either paid in full for the current semester or a satisfactory plan to pay the balance has been arranged with the Business Manager.

Advance Payments: An Application Fee of \$10.00 is required of all students (*day, boarding, and special*). For new students, this payment must accompany the application for admission; for upper-class students, the payment must be made at the Treasurer's Office before *April fifteenth* by those planning to return to college during the following session. This fee is not refundable, will not be transferred to another session and will not be credited to the student's account. For all boarding students (both new and upper-class), an additional advance

payment of \$75.00 will be required in order to hold the room reservation, which payment must be made by upper-class students before *April fifteenth* and by new students before *May first*. It will be credited to the student's account when registration is completed in September. This payment is not refundable after *May first* except for personal illness certified by a physician, for unavoidable emergency or other extenuating circumstances approved by the President, or for upper-class students who do not have the required quality point rating by the end of the summer session.

MEDICAL SERVICE FOR STUDENTS

The Infirmary, staffed by a college physician and trained nurses, provides health and medical service for all full-time students. This service covers the furnishing of simple remedies and of ordinary nurse's and physician's attendance. It will not cover the cost for the student of specially compounded prescriptions, special private nursing, hospital care in serious and protracted cases, surgical operations, or the service of specialists; but for practically all students it will cover all requirements for medical attention and supplies.

Day students who are eligible for infirmary service will receive the same medical service as boarding students except that they will not be entitled to room and board at the infirmary.

STUDENT TEACHERS IN THE FIELD

Boarding students who are assigned student teaching in the field, making it necessary to live off campus, will have their charges for board, room and laundry reduced for time not in residence at the College.

WITHDRAWALS

Voluntary Withdrawals: A student desiring to withdraw from college must have a conference with the Dean of Students who will then report on the case to the President of the College. The President must approve such requests; in his absence approval may be given by the Dean of the College. For a minor, written permission from the parent or guardian must be furnished. When the President and Deans are cognizant of the full situation and reasons for desiring to withdraw, suggestions and recommendations may be made which may enable a student to remain in college.

Withdrawal request blanks are available in offices of the Dean of Students and the College Registrar. All withdrawal requests should be filled out on the official printed forms and submitted to the Dean of Students on the date of withdrawal. Strict compliance with this requirement is mandatory. No adjustment in charges will be made unless the filled-in and signed withdrawal form is furnished to the President within thirty days after withdrawal from the College.

Enforced Withdrawal: Students who are persistently neglectful of duty or whose conduct fails to measure up to the standards of the College may be asked to withdraw or not return to college.

REFUNDS

The following charges and refunds apply to students withdrawing from the College and to late entrances and absences.

Fees: (1) *Withdrawal from the College for reasons other than illness or unavoidable emergency.* A student who withdraws from College *within ten days* after reporting for registration will have all fees rebated except \$15.00 to cover the cost of registration. A student who withdraws from College *after ten days or before the middle of the semester* will be charged one-half of the general fee and there will be no refund of other fees. A student, paying full fees, who withdraws *at the middle of the semester* will be charged two-thirds of the general fee and all other fees. No rebate of fees will be made after the middle of the semester.

(2) *Withdrawal from the College due to illness or unavoidable emergency.* A student who withdraws from College due to illness certified by a physician or for unavoidable emergency or other extenuating circumstances approved by the President of the College will be charged a pro rata share of all fees.

Room Rent, Board, and Laundry: The advance payment of room rent in the amount of \$75.00 will not be refunded except in case of personal illness, certified by a physician, or for unavoidable emergency or other extenuating circumstances to be approved by the President of the College. In such cases, the room rent will be prorated for the actual time in residence. Refunds for table board and laundry will be prorated for the time missed.

Enforced Withdrawal: Any refunds made to students whose connection with the College terminates on account of disciplinary action or enforced withdrawal will be at the discretion of the President of the College.

Late Entrance and Absence: No adjustment in the charge for room and board will be made for late entrance not in excess of ten days or absence not in excess of fourteen days.

GUESTS

Students may invite relatives or friends to meals at the College by obtaining permission from the Dietitian and by purchasing the necessary meal tickets. Alumnae of the College are always welcome and are not charged for room accommodations for a period not exceeding two days. Those who remain for a longer period will be charged the regular rate of \$1.50 per day. Meal tickets for alumnae may be purchased from the Dietitian's Office. Alumnae eligible for this privilege must be former students who have attended the College for at least

one full academic year. The privilege is not extended to students visiting the campus during the summer if they will be regular students for the ensuing session.

THE CAMPUS BANK

The College desires that students shall not have on hand much spending money as extravagance of every kind is discouraged. It further requests that spending money in any considerable amount not be kept in the student's room but be deposited with the Treasurer in the Student Deposit Fund, subject to withdrawal as needed. For this purpose, a banking system has been devised and students not only have the advantage of safety against loss, but also get valuable practice in business methods.

Scholarships and Loans

The College endeavors in every way possible to assist capable students in financing their college education. We feel that funds expended for this purpose do much to improve the quality of living. We need more investments of this nature and it is heartening each year to note the increased number of scholarships becoming available to able students through gifts from individuals and from worthy scholarship projects of local community organizations.

As the demand for scholarship and loan assistance at Madison is in excess of available funds, it is imperative that **ALL APPLICANTS FILE THEIR APPLICATIONS FOR ANY FINANCIAL AID BEFORE THE DATE OF MAY FIRST PRECEDING THE SUMMER TERM.** The following are the chief means of student assistance at Madison:

STATE SCHOLARSHIP LOANS FOR PROSPECTIVE TEACHERS

The General Assembly of Virginia has provided funds for a number of scholarships at Madison College for students who are preparing to be teachers in the Virginia Public Schools.

I. *Eligibility.*

A. The candidate must:

1. Be a resident of Virginia who is preparing to teach in the Virginia Public Schools in the elementary grades or in subjects generally offered in Virginia high schools.
2. Possess scholastic ability and personal characteristics desirable for effective teaching.
3. Be a student classified as a freshman, sophomore, junior, or senior in a state-supported or private, non-sectarian, degree-granting college in Virginia approved under the scholarship plan.
4. Be enrolled in a curriculum including Student Teaching and qualifying him for a Collegiate Professional Certificate.

5. Summer Quarter Study—A student who continues study in a summer quarter in order to secure a degree in less than four calendar years may be considered eligible for a Prorated Summer Quarter Scholarship Loan. This study should consist of approximately ten semester hours of credit toward the baccalaureate degree, and scholarship aid for this purpose will be available at the rate of \$117.00 per summer quarter.
- B. Only a limited number of carefully selected freshmen will be eligible. Such freshman candidates must:
1. Possess good scholastic ability as indicated by above average rank in his high school class and by above average score or rank on a standardized scholastic aptitude or achievement test.
 2. Have an established record of good citizenship and possess personal characteristics regarded as desirable for effective teaching.
 3. Possess such other qualifications as the college authorities may prescribe in picking out highly selected candidates.

II. Promissory Notes and Cancellation.

Each candidate must agree to sign and execute a promissory note to the Commonwealth of Virginia for the amount of scholarship aid received, which obligation shall bear interest at the rate of 3% per year. This note must be endorsed by a responsible, adult resident of Virginia. The obligation including interest can be cancelled by teaching one full school year, for each scholarship received, in the public schools of Virginia *immediately following graduation* from college, and any amount uncanceled by such service shall be repaid at termination of teaching service, with the interest from date of note at 3% per year; provided, however, that for extenuating circumstances the State Board of Education may, in its discretion, extend the time for teaching to cancel the loan or for repayment. If it becomes necessary for this note to be collected by an attorney, the maker and endorser hereby agree to pay fifteen per centum collection charges as an attorney's fee in addition to the amount due on same at the time of collection.

Each candidate must also agree that in case he or she fails to complete at the expected time the study, as shown on the application, for which the scholarship aid is given, leaves college before graduation, or leaves Virginia to complete graduation requirements, the note will become due and payable; provided, however, that for extenuating circumstances the State Board of Education may, in its discretion, extend the time for completion of study or the time for repayment.

If graduation program is shortened by including prorated Summer Quarter Scholarships with Regular Term Scholarships, the period of teaching to cancel the four or more loans will not extend over more than four school years.

Partial cancellation of the obligation, by teaching less than one school year, will be *allowed only in the discretion of the State Board of Education* when satisfactory evidence is furnished that the recipient of the scholarship aid has been prevented from completing a full year of teaching service because of circumstances beyond his or her control, such as illness or for other unavoidable reasons.

Not more than one year will be allowed for graduate study as a basis for postponing the cancellation of this obligation immediately following graduation; provided, however, that for extenuating circumstances the State Board of Education may, in its discretion, allow not more than two years.

When and if the candidate performs required military service, the time for teaching to cancel the promissory note will be postponed for the period of such required service. If the note is not cancelled by teaching, there will be no suspension of interest because of the military service. If the maker voluntarily re-enlists, the note becomes due and payable, both principal and interest.

In the event of the death, or illness of prolonged and serious nature, of the recipient of scholarship aid prior to cancellation by teaching service, the State Board of Education may, in its discretion, cancel both principal and interest, in whole or in part.

III. *Application Procedure.*

The application blanks for these scholarships must be obtained from a college authorized to recommend the scholarship applicants. *No application forms will be issued from the State Board of Education.* The Office of Admissions at Madison College issues the application blanks and processes them when they have been returned by the applicants. They are then recommended and forwarded to the State Board of Education for final approval. The deadline for filing an application for the Regular Term Scholarship is May 1st, and for the Prorated Summer Quarter Scholarship is April 1st. A separate application must be submitted each year for which the scholarship is desired. If the application is approved by the Board, the applicant will be notified through the College.

IV. *Payment to Student.*

When the State Board of Education has approved a scholarship grant, the applicant must sign a promissory note in the proper amount bearing interest from date of note at 3% per year, which must be endorsed by a responsible, adult citizen of Virginia. When this note is accepted and the candidate is reported by the College as enrolled with a full program of work, a check WILL BE SENT TO THE RECIPIENT THROUGH THE COLLEGE.

These State Teachers Scholarships will be available in the maximum amount of three hundred fifty dollars (\$350.00) per nine months' session. If the application for scholarship aid is approved for less than a full school session of nine months, the amount of the loan cannot exceed \$117.00 per summer quarter or \$175.00 per semester.

OTHER SCHOLARSHIPS

Unfunded Scholarships: In accordance with the provisions of Chapter 4, Sections 23-31 of the Laws of Virginia, State colleges are authorized, under rules and regulations to be fixed by their governing boards, to award unfunded scholarships in their respective institutions. All such scholarships shall be applied exclusively to the remission in whole or in part of instructional charges and shall not be renewed for any subsequent year after the first unless the holder maintains a high scholastic standard.

Madison College will award a number of these scholarships each year in the amount of \$150.00 for each regular nine months' session. These scholarships at Madison College are limited to Virginia students. Freshman students who wish to apply for such scholarships must have maintained a high scholastic standard in high school, must give evidence of possessing ability to pursue college work successfully, and need financial assistance in order to attend college. Applications for these scholarships are received by the Director of Admissions and Student Aid.

The Duke Memorial Scholarship: This scholarship has been established in memory of the late Samuel Page Duke, who served so ably as President of Madison College from 1919-1949. This scholarship is provided from funds by each senior class and is awarded annually to the member of the junior class who has the highest scholastic record for five semesters while a student at Madison College and it is available for the senior year.

The Helen M. Frank Scholarship: This is a scholarship of \$100.00 established by the alumnae of Psi Chapter, Alpha Sigma Tau, in honor of Miss Helen M. Frank, who served as adviser to the chapter from the date of its organization in 1944 until her retirement in 1960. The award is presented to a junior in Alpha Sigma Tau for outstanding scholarship and for possessing the ideals of the sorority.

The Edna T. Shaeffer and Glee Club Scholarship: This fund has been established as a memorial to Miss Shaeffer who served in the Madison Music Department and as Director of the College Glee Club for forty-one years, and to all former members of the Madison Glee Club. The award is presented to a music student, preferably a child of a former Glee Club member. Applications for the scholarship should be submitted to the Alumni Office of the College.

The Bernice R. Varner Scholarship: This scholarship, created in 1960 by the Panhellenic Council in appreciation of the years of leadership and service given to the Greek Letter Community of Madison College by Mrs. Varner, is awarded to a second semester sophomore or a member of the junior class chosen by the Council on criteria including a cumulative average of 2.75 or above. Both men and women are eligible.

The Ruth McNeill Thornhill Scholarship: This is an annual scholarship of \$100.00 established by the Culpeper Chapter of the Alumni Association for a Culpeper girl attending this College.

STUDENT EMPLOYMENT SCHOLARSHIPS

Dining Hall Service: Students are employed as waitresses and waiters in the dining hall at Madison College and for their services they receive compensation for the nine months' session ranging from \$170.00 to \$510.00 depending upon the number of hours worked. Approximately seventy-five (75) students are thus able to earn more than half of their college expenses. The students who receive these scholarships are selected on the bases of merit, date of application, financial need, and other qualifications. Applications are received in the Office of Admissions and Student Aid, and they should be filed at an early date.

Ten-Hour Service: The College provides about one hundred fifty (150) employment scholarships for students who serve as assistants in the library, supply room, laboratories, and administrative offices. The compensation for these positions is \$320.00 for approximately ten hours work per week for the nine months' session.

Music Service: The College has established a number of service scholarships open to talented music students especially in the instrumental field. This scholarship will enable the student to earn an amount of \$320.00 for the session. Applications are received in the Office of Admissions and Student Aid and they should be filed as early as possible.

LOAN FUNDS

The College has a number of loan funds provided not only from legislative appropriations by the State of Virginia but also from private donations by friends of the College. Worthy students who are able to furnish satisfactory security or endorsement for their loans may borrow, at 3% interest, substantial sums per year to assist them in meeting their college expenses. A detailed description of these funds is given below. Students wishing to borrow from the College loan funds should apply directly to the Office of Admissions and Student Aid.

State Loan Fund: The State Legislature has made provision for the maintenance of a students' loan fund, from which sums not to exceed \$300.00 annually may be lent to worthy students on proper security.

Alumni Loan Fund: This fund was established by the class of 1911 and increased by classes of subsequent years.

Caroline Sherman Fund: Established by the Fairfax County Chapter of the Daughters of the American Revolution in honor of Mrs. Caroline C. A. Sherman of Fairfax County, an untiring worker for the advancement of public education. Available to seniors.

Franklin Sherman Loan Fund: A memorial loan fund to the memory of Captain Franklin Sherman, a distinguished citizen who for thirty years served on the school board of Fairfax County.

The Virginia Division United Daughters of the Confederacy Loan Fund: This organization has established the Kate Mason Roland Loan Fund, worth \$150.00 annually to the holder, and granted to a sophomore, junior, or senior who is a lineal descendant of a Confederate soldier. Other funds may be available. Application should be made to the Chairman, Committee on Education, Virginia Division, United Daughters of the Confederacy.

Home Demonstration Fund: By the efforts of Miss Ella G. Agnew, former State Agent for Home Demonstration Work in Virginia, a loan fund has been made available principally for home economics majors.

The Cleveland Memorial Fund: This fund has been established in memory of Misses Annie V. Cleveland and Elizabeth P. Cleveland, former members of Madison Faculty.

Nell Christine Farrar Scholarship Fund: This fund was established by the Class of 1913 in memory of a classmate, Nell Christine Farrar.

Daughters of the American Revolution Loan Fund: The sum of \$300.00 is now available from the Virginia branch of the D.A.R. Application should be submitted directly to the Virginia branch of the D.A.R.

The Knights Templars Loan Fund: Assistance is rendered worthy students in continuing their education by certain funds made available by the order of the Knights Templars of Virginia. Application should be made to them for a loan.

Harrisonburg Madison Alumni Loan Fund: The Harrisonburg Chapter of the Madison Alumni Association established this loan fund in 1939. Assistance from this fund is available only to graduates of the Harrisonburg High School.

Other Loan Funds: Loan funds have also been generously provided by the Massanutten Chapter of the D.A.R., the Business and Professional Women's Club of Harrisonburg, the Kappa Delta Pi Honor Society of the College, Mr. and Mrs. Eugene L. Bailes, and contributions from most of the Senior Classes.

NATIONAL DEFENSE STUDENT LOAN PROGRAM

Madison College is also participating in the National Defense Student Loan Program. The purpose of this program is to stimulate and assist worthy and capable students in colleges and universities by making low interest loan funds available to them. In selecting students to receive loans, special consideration must be given to (a) superior students who desire to teach in the elementary and secondary schools, and (b) superior students who desire to obtain degrees in the fields of science, mathematics, engineering, or a modern foreign language.

The loans will be approved upon the bases of ability and need with priority accorded to the students enrolled in the five critical areas enumerated above.

A student may borrow up to \$1,000.00 for a 12-months' college session with a maximum of \$5,000.00 for his duration in college. The loans bear no interest while the student is in college. One year after graduation, interest at the rate of 3% and repayment of the loan begin. A student has up to ten (10) years to repay a loan. For those students who will teach, 10% of the loan will be cancelled each year of teaching up to five (5) years. In other words, one-half of a loan may be cancelled by teaching for a period of five (5) years.

Application forms to apply for a National Defense Student Loan may be obtained from the Office of the Director of Admissions and Student Aid, Madison College; an interview with applicant and parents is desirable.

A SUGGESTION TO FRIENDS OF THE COLLEGE

The scholarships and loan funds have been of very great assistance to many worthy students, and it is hoped that other friends of education will continue to provide financial assistance for students of this institution. This should appeal to industries and other business establishments, and to persons of means as a most worthy manner in which to invest money and reap a manifold return in the influence which an educated person may exert on the rising generation.

Any sum, large or small, contributed to the College for this purpose will be faithfully used and greatly appreciated by the administration, the faculty, and the students. The President of the College will be pleased to confer or correspond with persons interested in establishing endowment or other scholarships for aiding worthy students.

GIFTS TO THE COLLEGE

1963—1964

CONTRIBUTIONS TO PRIVATE SCHOLARSHIP FUND

Bealeton—Remington Ruritan Club, Bealeton, Virginia.....	\$	200.00
Panhellenic Council of Madison College, Harrisonburg, Virginia....		100.00
Fairfax Music Guild, Fairfax, Virginia.....		150.00
Senior Class of 1963 "Duke Memorial Scholarship", Harrisonburg, Virginia.....		100.00
Junior Class of 1963, Madison College, Harrisonburg, Virginia.....		25.00
Peninsula Chapter, Madison College Alumni Association, Hampton, Virginia.....		100.00
Citizen's Scholarship Fund of Shenandoah County, Incorporated, Woodstock, Virginia.....		2,060.00
Modern Foreign Language Association of Virginia, Williamsburg, Virginia.....		250.00
Arlington Quota Club, Arlington, Virginia.....		1,000.00
Armstrong Foundation, Incorporated, Winchester, Virginia.....		2,000.00
Lynchburg Education Association, Lynchburg, Virginia.....		100.00
Douglas S. Freeman High School P. T. A., Richmond, Virginia....		300.00
Portsmouth Education Association, Portsmouth, Virginia.....		200.00
John Handley Foundation, Winchester, Virginia.....		250.00
New Castle Special School District, New Castle, Delaware.....		200.00
Virginia Association, Future Homemakers of America, Richmond, Virginia.....		200.00

Junior Women's Club, Hopewell, Virginia.....	\$ 150.00
Kiwanis Club, Harrisonburg, Virginia.....	114.95
Frankfurt American Community Scholarship Association, A.P.O., New York, New York.....	500.00
Coca-Cola Bottlers of Maryland, Baltimore, Maryland.....	1,000.00
Newport News Federation of Parent—Teacher Associations, New- port News, Virginia.....	1,000.00
Newtown Exchange Club, Newtown, Pennsylvania.....	50.00
First National Bank of Arlington, Arlington, Virginia.....	300.00
The Belk Foundation, Charlotte, North Carolina.....	1,000.00
Central High School, Woodstock, Virginia.....	50.00
Rockingham Poultry Marketing Co-operative, Broadway, Virginia..	1,050.00
Culpeper Chapter, Madison College Alumni Association, Culpeper, Virginia.....	50.00
Soroptimist Club, Warrenton, Virginia.....	1,000.00
Alexandria Council of Parent—Teacher Associations, Alexandria, Virginia.....	200.00
Norfolk Classroom Teachers Department, Norfolk, Virginia.....	300.00
Warwick High School P. T. A., Newport News, Virginia.....	250.00
Colonial Beach High School P. T. A., Colonial Beach, Virginia.....	200.00
Princess Anne High School Honor Society, Virginia Beach, Virginia..	450.00
Kiwanis Club, Norristown, Pennsylvania.....	50.00
Milford Mill Community Joint Scholarship Program, Baltimore, Maryland.....	250.00
Future Teachers of America, Hampton High School Chapter, Hampton, Virginia.....	100.00
Northern Virginia District of Virginia Congress of Parents and Teachers, Arlington, Virginia.....	500.00
Petersburg City Chapter, The National Foundation, Petersburg, Virginia.....	500.00
Brookville High School P. T. A., Lynchburg, Virginia.....	150.00
Waynesboro Education Association, Waynesboro, Virginia.....	250.00
Baltimore Chapter, Madison College Alumni Association, Baltimore, Maryland.....	100.00
Culpeper County P. T. A., Culpeper, Virginia.....	300.00
Middlesex Junior Women's Club, Urbanna, Virginia.....	200.00
Groveton Area P. T. A., Alexandria, Virginia.....	300.00
The English Foundation, Altavista, Virginia.....	300.00
Fairfax Education Association, Fairfax, Virginia.....	400.00
Post 637, Veterans of Foreign Wars, Hopewell, Virginia.....	500.00
Future Homemakers of America, John S. Battle High School Chapter, Bristol, Virginia.....	75.00
James Brockwell Scholarship Fund, Richmond, Virginia.....	200.00
Business and Professional Women's Club, Culpeper, Virginia.....	300.00
Fast Service Laundry and Cleaning, Vinton, Virginia.....	100.00
E. C. Glass High School Education Foundation, Lynchburg, Virginia.	850.00
National Honor Society, Groveton High School Chapter, Alexandria, Virginia.....	175.00
Future Teachers of America, Groveton High School Chapter, Alexandria, Virginia.....	325.00
Hamburg Ruritan Club, Edinburg, Virginia.....	200.00
IX Foundation, Union City, New Jersey.....	500.00
Grand Guardian Council of Virginia, International Order of Job's Daughters.....	250.00
Kiwanis Club, Winchester, Virginia.....	300.00
Harrisonburg Chapter, Madison College Alumni Association, Harrisonburg, Virginia.....	352.00
Montvale High School P. T. A., Montvale, Virginia.....	400.00
Navy League Scholarship Fund.....	500.00
Pamplin Foundation, Portland, Oregon.....	300.00
Pepsi-Cola Bottling Company of Central Virginia, Charlottesville, Virginia.....	450.00

Scholarships and Gifts

Poquoson High School P. T. A., Poquoson, Virginia.....	\$ 100.00
A. S. Rhodes P. T. A., Front Royal, Virginia.....	100.00
Suffolk Council of Parent—Teacher Associations, Suffolk, Virginia...	250.00
Virginia Congress of Parents and Teachers, Richmond, Virginia....	1,200.00
William Fleming High School P. T. A., Roanoke, Virginia.....	250.00
Women's Club of Vinton, Vinton, Virginia.....	300.00
Shenandoah County Federation of Future Homemakers of America, Woodstock, Virginia.....	150.00
Newport News Education Association, Newport News, Virginia....	205.59

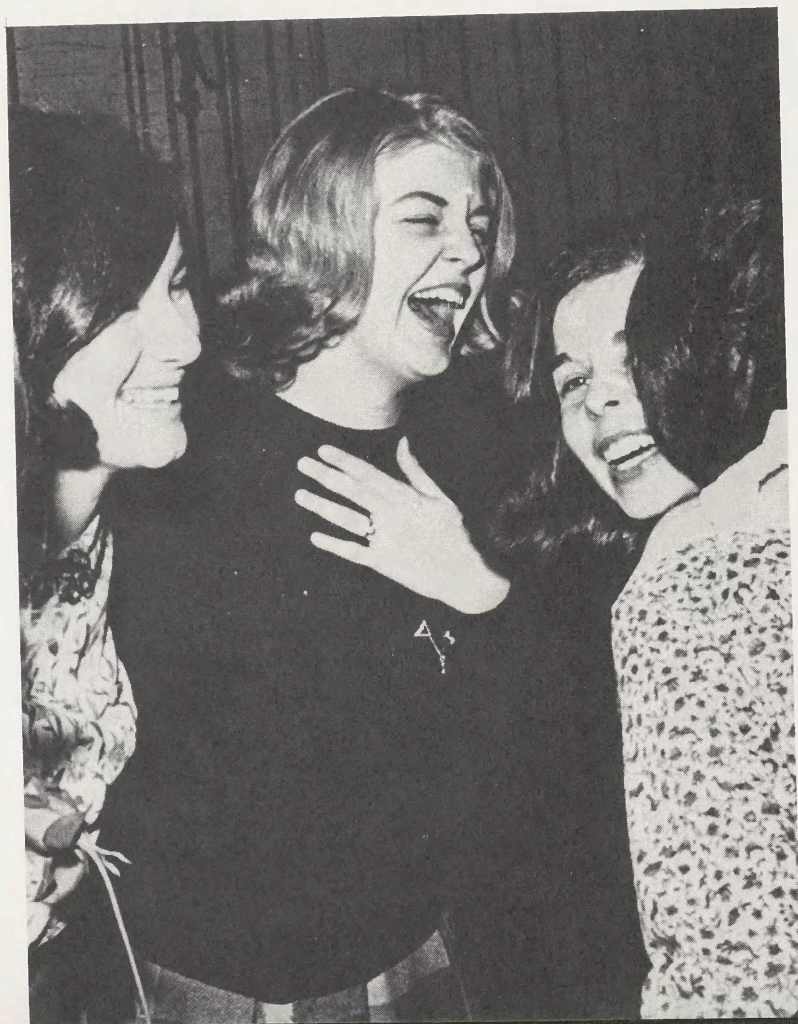
Total Private Scholarship Gifts..... \$26,632.54

UNRESTRICTED GIFTS

General Electric Foundation, Ossining, New York.....	\$ 5.00
Burlington Industries Foundation, Greensboro, North Carolina.....	1,600.00

Total Unrestricted Gifts..... \$ 1,605.00

TOTAL CASH GIFTS TO THE COLLEGE..... \$28,237.54



DEGREES AWARDED

FOR THE CALENDAR YEAR 1964

MASTER OF SCIENCE IN EDUCATION

Thomas Claude Beavers (Aug.)	Manassas
John Danzer Collins (Aug.)	Front Royal
Victoria Clark Harris (Aug.)	Staunton
Janet Miller Helbert (Aug.)	Harrisonburg
Dorothea Friell Koogler (Aug.)	Fairfield
Virginia Hisey Myers	Edinburg
Ralph Eugene Newland (Aug.)	Mount Jackson
Gene Leroy Pfoutz (Aug.)	Harrisonburg
Judith Flora Reubush	Roanoke
Viola Ritchie Sager (Aug.)	Broadway
Virginia Hannabass Saunders (Aug.)	Goodview
Matthew Barry Simmerman (Aug.)	Elkton
Patsy Funkhouser Vaughan (Aug.)	Woodstock
Betty June Wilson (Aug.)	New Market

MASTER OF ARTS IN EDUCATION

John Franklin Bowers (Aug.)	Franklin, W. Va.
David Huston Chittum (Aug.)	Martinsville
Hoy Dolas Dove, Jr. (Aug.)	Mathias, W. Va.
Margaret Virginia Flory (Aug.)	Bridgewater
Evelyn Kuhnert Foster (Aug.)	Front Royal
Roland Frank John (Aug.)	New Market
Carroll Kerlin Jones (Aug.)	McGaheysville
Jane Stevens Larson (Aug.)	Harrisonburg
Charles Oliver Linaburg (Aug.)	Franklin, W. Va.
James Ian Lowdon	Clifton Forge
Janice Kathryn Miller (Aug.)	Bridgewater
Iris Hall Newton	Fredericksburg
Harold Francis Paris (Aug.)	Staunton
Charles Warren Pellman (Aug.)	Harrisonburg
Margaret Garber Pence (Aug.)	McGaheysville
Frank Placko	Fort Defiance
John Daniel Pond (Aug.)	Front Royal
Mollie Heizer Ramsey (Aug.)	Greenville
Patricia Tolley Randolph (Aug.)	Winchester
Etta Louise Rexrode	Monterey
Roger Holm Taylor	Lynchburg
Mary Frances Townsend	Chantilly
Charles Winston Wenger	Linville
Martha Sweitzer Williams (Aug.)	Ridgeway
Grace Booker Wright (Aug.)	Weyers Cave

MASTER OF SCIENCE

George Craig Cook	Fishersville
Frederick Bowman Pence (Aug.)	McGaheysville

BACHELOR OF ARTS WITH DISTINCTION

Emily Corinne Reid

Purcellville

BACHELOR OF SCIENCE WITH DISTINCTION

Barbara Jean Davis

Newport News

BACHELOR OF SCIENCE

Carolyn Amy Adison	Arlington
Louise Hughey Adkins (Aug.)	Danville
Rachel Phillippe Ambler	Staunton
Judith Oyhus Amos	Rockville, Md.
Carole Bishop Anderson	Richmond
Joyce Keiter Anderson	Winchester
Doris Jean Arbogast	Harrisonburg
Carolyn Dean Arehart	Newport News
Sandra Dell Armstrong	Richmond
Lucille Edwards Ayers (Aug.)	Natural Bridge Station
Ann Babich	Roselle, N. J.
Margaret Ann Bailes	South Plainfield, N. J.
Claudia Frazier Bailey	Baltimore, Md.
Carole Sue Bales	Staunton
Susan Elizabeth Bankert	Hampstead, Md.
Martha Ann Bardsley	Arlington
Shirley Jean Barnhart	Newport News
Brenda Diane Bass	Colonial Heights
Jackie Sherwood Baughan	Front Royal
Jeanette Joan Beamer	Pulaski
Sandra Kay Becraft	Sandy Spring, Md.
Mary Jolene Bennett	Portsmouth
Linda Louise Bibb	Weyers Cave
Rebecca Susan Black	Lexington
Lois Ann Blackwell	Woodstock
Ruth McCarn Blakemore (Aug.)	Waynesboro
Joan Blankenship (Aug.)	Hurley
Harriette Marcella Blaylock	Radford
Lucy Molin Blaylock	Radford
Sandra Allen Blosser	Winchester
Suzanne Beverley Boswell	Richmond
Eva Marie Bowman	Maurertown
Gwendolyn Taylor Bozman	Crewe
Margaret Susan Brinkley	Alexandria
Janice Irene Brown	Newport News
Judy Ann Brown	Roanoke
Henry Franklin Buhl	New Market
Coby Ann Bunch	Baltimore, Maryland
Suzanne Buschman	Alexandria
Rebecca Shinaberry Campbell	Deerfield
Lois Jane Cardarella	Arlington

Sarah Tate Carter (Aug.)	Richmond
Wanda Dale Cash	Spottswood
Barbara Elizabeth Cassidy	Fredericksburg
Linda Lou Chinn	Arlington
Gail Lewis Christensen	McLean
Jane Carol Churchwell	Arlington
Nancy Carolyn Clanton	Norfolk
Jo Ann Clark	Mount Jackson
Viola Ann Clark	Hopewell
Clarice Wine Cleek (Aug.)	Warm Springs
Ruth Ann Cline	Harrisonburg
Ann Powell Cochran	The Plains
Betty Lee Coe	Mineral
Harriet Clarice Cohen	Norfolk
Betty Jean Colaw	Blue Grass
Macon Haskins Coleman	Staunton
Margaret Ellen Collins	Bowling Green
Holly Louise Conrad	Richmond
Ann Elizabeth Cook	Swoope
Joyce Loree Cook	Greenville
Elizabeth Marceile Corwin	Springfield
Frances Jane Covington	Ridgeway
Betty Evans Coyle	Harrisonburg
Anita Eloise Crosswhite	Salem
Barbara Jane Crowder	Marion
Sarah Annette Cruise	Clinchco
Thelma Lee Darden	Altavista
Claude Ray Davis	Dayton
Dondria Ann Davis	Shenandoah
Nancy Jane Davis	Baldwin, N. Y.
Mary Leola Dawson (Aug.)	Montross
Ellen Morris Deane	Geer
Jeffrey Michael Delaney (Aug.)	Wantagh, N. Y.
Carol Gaines Delauter	Winchester
Katherine Elaine Dennis	Norfolk
Elizabeth Davis Denny	Norfolk
Susan Link Dicks (Aug.)	Middletown
Elsie Cora Dodson (Aug.)	Flint Hill
Virginia Merolene Duncan	Faber
Hattie Suttle Dye (Aug.)	Falls Church
James Frederick Eaton	Harrisonburg
Patricia Anne Edison	Newport News
Frances Glynn Ellis	Churchland
Thomas Pleasants Ellison	Waynesboro
Mildred Weaver Embrey (Aug.)	Brightwood
Martha Mildred Engel	Chesapeake
Edna Virginia Conrad Enos	Round Hill
Rachael Anita Estes	Arlington
Sharon Elaine Fansler	Staunton

Johanna Fisher
 Betty Lockridge Fitzgerald
 Joseph Weldon Flory
 Sandra Townsend Floyd
 Maryann Dunbar Franzoni
 Harriette Cornelia Fraser
 Elma Regina Fromm
 Karen Ann Fry
 Mildred Jean Funkhouser
 Barbara Holt Garnett
 Phyllis Lee Gary
 Patricia Lane Gay
 Oma Estella Gifford
 Emily Rose Gill
 Sharon Elizabeth Girton
 Judith Jerrell Goodwin
 Carole Jan Gorry
 Laura Lindley Gough
 Joyce Elizabeth Gregory
 Linda Darlene Hahn
 Sandra Jean Hammer
 John Hamilton Hansbrough
 Joyce White Hardy
 Ralph Wayne Harlow
 Ramona Joyce Hatcher
 Jonne Elizabeth Heatwole (Aug.)
 Joan Ann Helder
 Noret Houser Herban
 Nancy Ann Hitch
 Augusta Elwood Homan
 Elizabeth Dandridge Hudgins
 Inez Charlene Hudson
 Nancy Rae Huffman
 Elwood Franklin Humphreys (Aug.)
 Jane Pettigrew Hundley
 William Hugh Hutchens
 Janet Raye Ikenberry
 Connie Marie Johnson
 Marie Nichols Johnson
 Judith Ellen Jones
 Mary Charlene Jones
 Shirley Koontz Judd (Aug.)
 Delores Swain Keeney
 Carole Marie Keller
 Mary Wright Kibler
 Annie Laurie Furry Kite (Aug.)
 Lena Ringle Kite (Aug.)
 Robert Oliver Knighton
 Patricia Rose Kolebas
 Lois Stephanie Kunz

Richmond
 Afton
 Harrisonburg
 Richmond
 Arlington
 Virginia Beach
 Baltimore, Md.
 Newport News
 Harrisonburg
 Richmond
 Richmond
 Gretna
 Falls Church
 Leesburg
 Newport News
 Orange
 Falls Church
 Crozet
 Martinsville
 Portsmouth
 Blue Grass
 Shenandoah
 Newport News
 Luray
 Woodstock
 Harrisonburg
 Hopewell
 Arlington
 Arlington
 Wytheville
 Richmond
 Arlington
 Stanley
 Stuarts Draft
 Richmond
 Harrisonburg
 Timberville
 Waverly
 Lynchburg
 Arlington
 Marion
 Shenandoah
 Portsmouth
 Broadway
 Bowling Green
 Shenandoah
 Shenandoah
 Shenandoah
 Richmond
 Alexandria

Carole Ann Lammer	Falls Church
Margaret Anne Lantz	Fulks Run
Rebecca Jane Lee	Harrisonburg
Dorothy Susan Leech	Roanoke
Patsy VanPelt Liskey	Harrisonburg
Dorothy Adrienne Louckes	Arlington
Julia Marie Lovell (Aug.)	Rocky Mount
Lou Frances Lovell	Martinsville
Annette Joan Lucas	Roanoke
Patricia McInturff Lynn	Weyers Cave
Sallie Ann Mahaney	Kenbridge
Betty Carol Manahan (Aug.)	Portsmouth
Sally Beth Manspeaker	Westminster, Md.
Carolyn Alice Marshall	Aldie
Nancy Evelyn Martin	Stuart
Carolyn Mayer Massie (Aug.)	Staunton
Sallie Perkins Massie	Edinburg
Martha Marlene Matthews	Newport News
Margaret Anne Mauck (Aug.)	Front Royal
Joanne Frances May	Falls Church
Marion Lee McAllister	Staunton
Eleanor Wilson McAlpin	Glasgow
Susie Jeffress McCormick	Raphine
Victoria Anne McQuinn	Alexandria
Elsie Cordelia Melton	Jacksonville, Fla.
Linda Mae Miller	Great Falls
Evelyn Jane Mistr	Rockville
Barbara Ann Mitchell	Newport News
Nancy Ann Mohler (Aug.)	Centreville
Patricia Anne Moore	Yorktown
Sarah Gwendolyn Moore	Rockville
Mary Patricia Morris	Hampton
Peggy Boyce Mothershead	Montross
Nancy Lee Mottley	Richmond
Betty Lou Myers	Harrisonburg
Eleanor Dale Myers	Bridgewater
Jill Ann Myers	Westminster, Md.
Margaret Landrum Myers	Bridgewater
Elaine Stratton Neal	Alexandria
Margaret Nolan	Martinsville
Joyce Marie Ousley	Holland
Dorothy Dove Owen (Aug.)	Gretna
Linda Coral Pace	Richmond
Mary Victoria Pace	Arlington
Peggy Louise Pattie	Waynesboro
Dorothy Lacy Paylor (Aug.)	Danville
Karen Kay Pearce	Newport News
Diane Adele Pennewell	Dover, Del.
Mabel Botkin Persinger (Aug.)	Covington
Edwina Kay Phillips (Aug.)	Keller

Martin B. Phillips	Mount Crawford
Esther Marie Piercy	Union Level
Margaret Diane Powell	Clarksburg, W. Va.
Sarah Catherine Powell	Halifax
Barbara Ann Prince	Norfolk
Gary Keith Proctor	Mount Jackson
Alice Faye Pugh	Salem
Barbara Kite Pullen (Aug.)	Shenandoah
William Eugene Purtlebaugh	Winchester
Mary Ann Racey (Aug.)	Strasburg
Elizabeth Dulaney Ramsey	Elkton
Joan Marie Reading (Aug.)	Fairfax
Ruth Inez Reid	Mount Sidney
Ann Heleah Renalds	Timberville
Paula Anne Revere	Syringa
Ellen Christine Ripper	Arlington
Rolla Monette Roberson	Wise
Sandra Fay Rochon	Richmond
Rhoda Joyce Rollins	Poquoson
Shirley Ann Rosen	Greenville
Clara Dove Rowland (Aug.)	Gretna
Nancy Louise Sayers	Richmond
Rebecca Jane Scruggs	Iron Gate
Lynda Lu Seymour	Bluemont
Jane Weathers Shell	White Plains
William Randall Sherman	Moorefield, W. Va.
Virginia Linton Shifflett	Harrisonburg
Shelby Jean Short	Elkton
Mary Carolyn Shrop	Ellicott City, Md.
Doris Marie Shuler (Aug.)	Shenandoah
Annette Marie Shumake	Mount Sidney
John William Simmers (Aug.)	Harrisonburg
Marian Kathryn Simpson	Purcellville
Adelaide Heatwole Skinner	Hamden, Conn.
Mary Evelyn Smith	Arlington
Mary Landon Smith (Aug.)	Hampton
Peggy Fletcher Smith	Winchester
Rebecca deButts Smith	Herndon
Sonya Angela Sparks	Annandale
Dorothy Russell Spicer (Aug.)	Castleton
Rebecca Lee Springer	Arlington
Carol Coffman Steele (Aug.)	Front Royal
Priscilla Mary Steele	Hampton
Barbara Lee Stoneburner (Aug.)	Front Royal
Dorothy Lee Stoneburner	Toms Brook
Mary Wallace Reynolds Sulser	Mechanicsville
Lonna Kay Surret	Arlington
Harriet Elizabeth Tate	Oakton
Mary Louise Tate	Harrisonburg
George Allen Teed, Jr. (Aug.)	Harrisonburg
Nancy Lee Terry	South Boston

Shirley Faye Thackston	Portsmouth
Betsy Anne Thomas	Poquoson
Helen Gay Thomas	Clifton Forge
Patricia Annette Tinsley	Staunton
Ora Lee Tolson	Dumfries
Mary Virginia Varner	Dumfries
Randolph Laraine Vaughan	Colonial Heights
Julia Ann Walker	Waynesboro
Martha Lewis Walker	Chesapeake
Janice Rouse Walsh (Aug.)	Fredericksburg
Phyllis Ann Waltman	Alexandria
Carole Kay Ward	Newport News
Ira Garnett Warner (Aug.)	Woodstock
Patricia Sandra Waters (Aug.)	New Market
Victoria Wayne	Orange
Carol Ann Webb	Covington
Eugene Eby Wenger	Harrisonburg
Martha Rowe White	Dare
Charlotte Anne Whittaker	Kilmarnock
Joyce Olivia Whittaker	Winchester
Portia Hagan Wilkins (Aug.)	Mathias, West Virginia
Mary Edwina Williams	Salem
Patricia Jane Willson	McGaheysville
Terral Jean Wilson	Virginia Beach
Pearl Louderback Womack (Aug.)	Shenandoah
Janet Lou Wood	Newport News
Gail Merrily Woodard	Woodbridge
Christine Carol Woods	Wheeling, West Virginia
Caroline Cook Wright	Salem
Charlotte Olina Wright	Marion
Doris Meadows Wright	Elkton
Marlyn Virginia Yankey (Aug.)	Nokesville
Elizabeth Ward Zeller	Marion
Mary Elizabeth Zimmerman	Arlington
James Pennington Zirk	Harrisonburg
Lynn Carol Zirkle	Arlington

BACHELOR OF ARTS

Linda Gayle Anderson	Blacksburg
John Thomas Austin (Aug.)	Mt. Sidney
Margaret Mae Barnard	Wise
Carol Ramona Bobo	Vienna
Patricia Louise Bowers	Charles Town, West Virginia
Bernice Louise Boyers	Harrisonburg
Frances Ann Callahan	Staunton
LaDonna Zane Campbell	Roseland
Judith Ann Coffin	Seaford, Delaware
Rebecca Anne Enos (Aug.)	Richmond
Linda Jo Fravel	Maurertown

Martha Clydette Griffith
 Linda Leah Guthrie
 Margaret Chase Hedly
 Lucinda Marie Hilbrink
 Diane Louise Hunt
 Virginia Louise Knott
 Anna Mae Leighty
 Rebecca Lou Lester
 Elizabeth Ann Lingeback
 Dorothy Sutton Lucas, Jr.
 Carole Rochelle Mauk
 Cecil Elizabeth Mays
 Mildred Virginia Miller
 Carol June Ohl
 Lois Jeanne Phillips
 Joyce Carol Puster
 Reda Jo Rasnick
 Barbara Amy Reeves
 Joan Elizabeth Ricco
 Cynthia Hope Rolston (Aug.)
 Carolyn Ann Rose
 Frances Kay Rudy
 Patricia Ann Shands (Aug.)
 Nancy Louise Spady
 Margaret Vivienne Taylor
 Julia Carper Tressel
 Carole Patricia Twomey
 Jack Roy Vorhauer
 Joyce Leigh Waddell
 Margaret Arling Wells
 Amy Marjean Wright
 Judith Elwin Wright

Clifton Forge
 Arlington
 Bayside
 Los Gatos, California
 Alexandria
 Herndon
 Richmond
 Harrisonburg
 Rockville, Maryland
 Arlington
 Rehoboth Beach, Delaware
 Harrisonburg
 Staunton
 Covington
 Shenandoah
 Richmond
 Tazewell
 Harrisonburg
 Bernardsville, New Jersey
 Harrisonburg
 Lawrenceville
 Richmond
 Orange
 Hampton
 Harrisonburg
 Waynesboro
 Alexandria
 Manassas
 Covington
 Colonial Heights
 Virginia Beach
 Glen Allen

BACHELOR OF MUSIC EDUCATION

Virginia Ruth Brewer
 Robert Kurtz Brubaker (Aug.)
 Grace Carrington Cosby
 Sarah Ruth Fitzwater
 Carolyn Sue Harrell
 Janet Rebecca Massey
 Ruth Jean Monsch
 Beverly Wayne Sawyer
 Sally Noel Seabright
 Frances Kimberly Sydnor
 Gayle Marie Treakle
 Leroy Randolph Utz
 Sandra Jean Vernon
 Monty Allan Webb
 Sandra Stowe Wood

Rileyville
 Stanley
 Richmond
 Broadway
 Suffolk
 Martinsville
 Pittsburgh, Pennsylvania
 Portsmouth
 Winchester
 Suffolk
 Bayside
 Mount Solon
 Newport News
 Jamesville
 Charlottesville

GEOGRAPHICAL DISTRIBUTION OF STUDENTS
BY STATES AND COUNTRIES

1963-64

Arizona.....	1	Ohio.....	8
California.....	5	Oregon.....	2
Connecticut.....	7	Pennsylvania.....	27
Delaware.....	30	Rhode Island.....	1
District of Columbia.....	4	South Carolina.....	1
Florida.....	5	Texas.....	1
Indiana.....	1	Virginia.....	1,686
Kansas.....	1	West Virginia.....	27
Kentucky.....	1	Wisconsin.....	1
Louisiana.....	1	Countries:	
Maryland.....	71	France.....	1
Massachusetts.....	1	Mexico.....	1
New Jersey.....	39	Uruguay.....	1
New York.....	11		
North Carolina.....	2		
		Total Enrollment 1963-64..	1,937

GEOGRAPHICAL DISTRIBUTION OF VIRGINIA STUDENTS
BY CITIES AND COUNTIES

1963-64

Accomack.....	6	Fauquier.....	9
Albemarle.....	9	Franklin.....	2
Charlottesville.....	14	Fluvanna.....	1
Alleghany.....	5	Frederick.....	13
Clifton Forge.....	8	Winchester.....	17
Covington.....	7	Giles.....	3
Amherst.....	4	Gloucester.....	3
Appomattox.....	3	Greene.....	3
Arlington.....	77	Halifax.....	7
Augusta.....	73	Hanover.....	11
Staunton.....	45	Henrico.....	38
Waynesboro.....	21	Richmond.....	63
Bedford.....	10	Henry.....	10
Botetourt.....	3	Martinsville.....	8
Brunswick.....	6	Highland.....	3
Buchanan.....	1	Isle of Wight.....	5
Buckingham.....	1	James City.....	1
Campbell.....	12	King George.....	1
Lynchburg.....	20	King William.....	1
Caroline.....	3	Lancaster.....	3
Carroll.....	2	Lee.....	2
Charles City.....	1	Loudoun.....	24
Charlotte.....	1	Louisa.....	5
Chesterfield.....	24	Lunenburg.....	2
Colonial Heights.....	10	Madison.....	5
Clarke.....	1	Mathews.....	1
Culpeper.....	6	Mecklenburg.....	8
Cumberland.....	3	Middlesex.....	5
Dickenson.....	3	Montgomery.....	2
Dinwiddie.....	3	Radford.....	3
Petersburg.....	10	Nansemond.....	2
Fairfax.....	107	Suffolk.....	5
Falls Church.....	16	Nelson.....	14

Northampton.....	7	Spotsylvania.....	3
Northumberland.....	4	Fredericksburg.....	4
Nottoway.....	5	Stafford.....	3
Orange.....	9	Surry.....	2
Page.....	49	Sussex.....	4
Patrick.....	2	Tazewell.....	2
Pittsylvania.....	5	Warren.....	27
Danville.....	9	Washington.....	2
Prince Edward.....	2	Westmoreland.....	4
Prince George.....	1	Wise.....	4
Hopewell.....	7	Wythe.....	6
Prince William.....	18	York.....	7
Pulaski.....	4	Williamsburg.....	2
Rappahannock.....	1	Other independent cities:	
Roanoke (County).....	27	Alexandria.....	59
Roanoke (City).....	27	Chesapeake.....	16
Rockbridge.....	28	Hampton.....	22
Buena Vista.....	1	Newport News.....	40
Rockingham.....	184	Norfolk.....	37
Harrisonburg.....	125	Portsmouth.....	33
Russell.....	1	Virginia Beach.....	26
Shenandoah.....	66		
Smyth.....	5	Total students living in	
Southampton.....	1	Virginia.....	1,686

SUMMARY OF ENROLLMENT OF STUDENTS

The School Year 1963-64

Regular Students:

Summer Term 1963.....	1,183
First Semester 1963-64.....	1,824
Second Semester 1963-64.....	113
	<hr/>
	3,120

Pupils in Student Teaching	
Classes.....	22,700

INDEX

	<i>Page</i>
Absence from Classes	49, 62
Academic Buildings	40-42
Academic Probation	62
Accelerated Program	34
Accreditation	2
Activities, Co-curricular	45-47
Activities Fee	206
Administration, Officers of	11-13
Admission Application	53, 235-236
Admission Policies	53-56
Admissions and Student Aid Committee	26
Advance Placement Examinations	57
Advanced Standing	57
Advisers, Curriculum	25
Alumni Association	37
Alumni Relations Committee	26
Alumni Secretary	37
Anthony-Seeger Campus School	24, 41, 196
Art	113-116
Arts Festival Committee	26
Assemblies, Public Exercises and Entertainments Committee	26
Assembly, Weekly	35
Athletic Association, Women's	45
Athletics	45
Attendance, Class	62
Attendance Committee	26
Auditor's Fee	207
Bachelor of Arts	67
Bachelor of Music Education	67
Bachelor of Science	67
Band	45
Band, Campus	139
Basic Studies	77-78
Basic Studies Committee	26
Biblical Literature	122
Biology	143-147
Bluestone	46, 206
Board Fee	206, 208, 210
Books and Supplies	208
Breeze	46, 206
Buildings	39-42
Buildings, Grounds, and Laundry Staff	12
Bureau of Teaching Materials	40
Business	34, 88-89, 104-107, 169-174
Business Education Teaching	34, 88-89, 174
Calendar, Academic	4-5
Camp, College	44
Campus and Buildings	39-42
Catalog Committee	26
Certificates, Teachers'	66
Certified Absences	62
Chemistry	147-150
Chorus	140
Churches in Harrisonburg	47
Church-related Organizations	47
Classification of Students	59
Clubs, Departmental	44-45

	<i>Page</i>
Co-curricular Activities	45-47
College Board Examinations	55
College Regulations	49-50
College Regulations	45, 140
Concert Choir	218-220
Contributions to College	206-210
Costs	58
Course Numbers	33-34
Course Offerings	208
Course or Schedule Adjustment, Fee for	57-58
Courses, Selection of	81-109
Curricula Offered	25
Curriculum and Instruction Committee	206-207
Day Student's Fees	62
Dean's List	34
Degree in Three Plan	221-228
Degrees Awarded 1964	67
Degrees Offered	208
Deposit Fee, Room	40
Dining Hall	207
Diploma Fee	58, 109, 207, 209
Directed Teaching	113-141
Division of the Humanities	141-168
Division of the Natural Sciences	169-194
Division of the Social Sciences	195-203
Division of Teacher Education	30, 112
Divisional Organization	39-40
Dormitories	46
Dramatics	56-57
Early Acceptance Plan	185-186
Economics	197-200
Education	33
Education for Teaching	26
Educational Television Committee	34
Electives	82-83
Elementary Education Curricula	33
Elementary Teaching	215
Employment Scholarships	117-122
English	229-230
Enrollment Statistics	35
Entertainment Series	44
Entertainments	48
Examination, Physical	44
Excursions	77
Exemption Examinations	35
Exhibitions and Recitals	206
Expenses, Summary of	14-24
Faculty, College	25-28
Faculty Committees	25
Faculty Council	23, 195-196
Faculty, Laboratory Schools	206-211
Fees, Tuition and	26
Field Services Committee	211-216
Financial Assistance to Students	12
Food Service Staff	125-132
Foreign Languages	46-47
Fraternities	125-127
French	31-32
Freshman Orientation Week	31-32

	<i>Page</i>
Gamma Kappa Chapter of Kappa Pi	46
Geographical Distribution of Students	229-230
Geography	186-188
Geology	150-151
German	127-128
Government	191-192
Government, Student	43
Grading System	59-60
Graduate Council	25
Graduate Study	34, 67-73
Graduate Study Fees	207
Graduates, Placement of	36-37
Graduation Requirements	65-66
Guest Fee	210-211
Guidance Office	31, 57-58
Guidance, Student	31
Harrisonburg Schools	23, 195
Health Council	27
Health Education	48, 155-158, 164-165
Health Program	48
Health Service Staff	12
Health Service, Student	48
Hearing Clinic	35
History	188-191
Home Economics	33, 103-104, 175-180
Home Economics Education	33, 86-87, 180
Home Management House	42
Honor System	43
Honors Program	63
Hospital, Rockingham Memorial	42
Hostesses of Residence Halls	13
Infirmary	42, 209
In-Service Teacher Education	37
Institute on Public Education	27
Institution Management	33, 101-102
Judiciary Committee	27
Kappa Delta Pi	46
Laboratory School Experiences	23, 195
Late Registration Fee	208
Latin	128-129
Laundry Fee	206, 208
Liberal Arts Education	33, 94-95, 108-109
Library	40
Library Committee	27
Library Science	33, 181-183
Library Staff	12
Literature	117-122
Load, Student	59
Loan Fund Contributions	215-216
Loan Funds	215-216
Location of the College	38
Madison Representatives, University Center	28
Majors	72, 79-80
Mathematics	151-154
Medical Examinations	48, 55
Medical Service	35, 42
Medical Technology	98-100
Men's Athletic Association	45

	<i>Page</i>
Men Students.....	55, 56
Men's Student Organizations.....	43, 45
Minors.....	73, 80
Music.....	33, 34, 133-141
Music Education.....	33, 34, 92-93, 133, 137
Music Fees.....	207
Musical Organizations.....	46, 139-141
Nursing.....	34, 99-100
Office Personnel.....	13
Officers of Administration.....	11-12
Orchestra.....	45, 141
Organization of Madison College.....	30
Orientation, Freshmen.....	31-32
Out-of-State Student Fees.....	206-207
Payment of Fees.....	208-209
Philosophy.....	124-125
Physical Education.....	33, 48, 155-164
Physical Examination.....	48, 55
Physical Life.....	48
Physics and Physical Science.....	142, 165-168
Pi Omega Pi.....	46
Placement Office.....	36, 37
Post Office Fee.....	208
Pre-Dental.....	94-95
Pre-Medical.....	94-95
Pre-Medical Technology.....	98-99
Pre-Nursing.....	99-100
Pre-Professional Education.....	34
Pre-Social Work.....	96-97
Probation, Academic.....	62
Psychology.....	200-203
Publications, Student.....	46, 206
Quality Rating System.....	61
Reading Center.....	35
Recreation Rooms.....	44
Re-examination Fee.....	207
Refund of Fees.....	210
Regulations, College.....	49-50
Religious Life.....	47, 48
Renewal of Certificates.....	66
Research and Other Studies Committee.....	27
Residence Halls.....	39-40
Rockingham County Schools.....	23, 195
Room and Board Fees.....	206-208
Room Deposit Fee.....	208-209
Russian.....	129-130
Schedule Adjustment Fee.....	208
Scholarship Index.....	61
Scholarship, Unsatisfactory.....	61-62
Scholarships and Loan Funds.....	211-218
Scholarships, Employment.....	215
Scholarships, State.....	211-213
Science, Interdepartmental Courses.....	142
Screening Program for Students in Teacher-Preparing Curricula.....	64-65
Secondary Education Curricula.....	84-85, 90-91
Secondary Teaching.....	33
Selection of Courses.....	57-58
Service Fee.....	206

	<i>Page</i>
Service Scholarships.....	215
Sessions: Regular; Summer.....	36
Sigma Phi Lambda.....	46
Social Science.....	184-194
Sociology.....	192-194
Sororities.....	44-46
Spanish.....	130-132
Speech.....	122-123
Speech and Hearing Clinic.....	35
State Loan Fund.....	211-213
Student-Faculty Relations Committee.....	27
Student Government.....	43
Student Health Service.....	48
Student Load.....	59
Student Personnel Committee.....	27
Student Publications.....	46
Student Teaching.....	109, 207, 209
Student-Teaching Faculty.....	195
Student-Faculty Standing Committees.....	25-27
Study Abroad.....	63
Summer Session.....	36
Teacher Education Curricula.....	81
Teacher Education, Division of.....	112, 195-203
Teachers' Certificates.....	66
Teachers' Scholarships.....	211-213
Teaching Materials, Bureau of.....	40
Tearoom.....	44
Testing Service.....	55-57
Transfer Students.....	54
Tuition.....	206
Vacations.....	4-5
Visiting Scholars Committee.....	27
Visitors of Madison College.....	10
Withdrawal from College.....	209-210
Women's Athletic Association.....	45
Women's Student Government Association.....	43
Y. M. C. A.....	48
Y. W. C. A.....	47
Yearbook (Bluestone).....	46, 206

APPLICATION FOR ADMISSION
TO
MADISON COLLEGE
HARRISONBURG, VIRGINIA

Date _____ 19 _____

1. Name _____, _____
Last First Middle

2. Permanent Address _____
(Street and Number)

3. _____, _____
City, town or post office Zone State

4. County _____ 5. Date of Birth _____

6. Temporary Mailing Address: _____

7. Telephone _____ 8. Sex _____ Race _____

9. Parent or Guardian _____

10. Address (if different from yours) _____

11. When do you plan to enroll in Madison College? _____

12. Do you plan to live in a college dormitory, or commute from home as a day student? Dormitory _____ Day _____

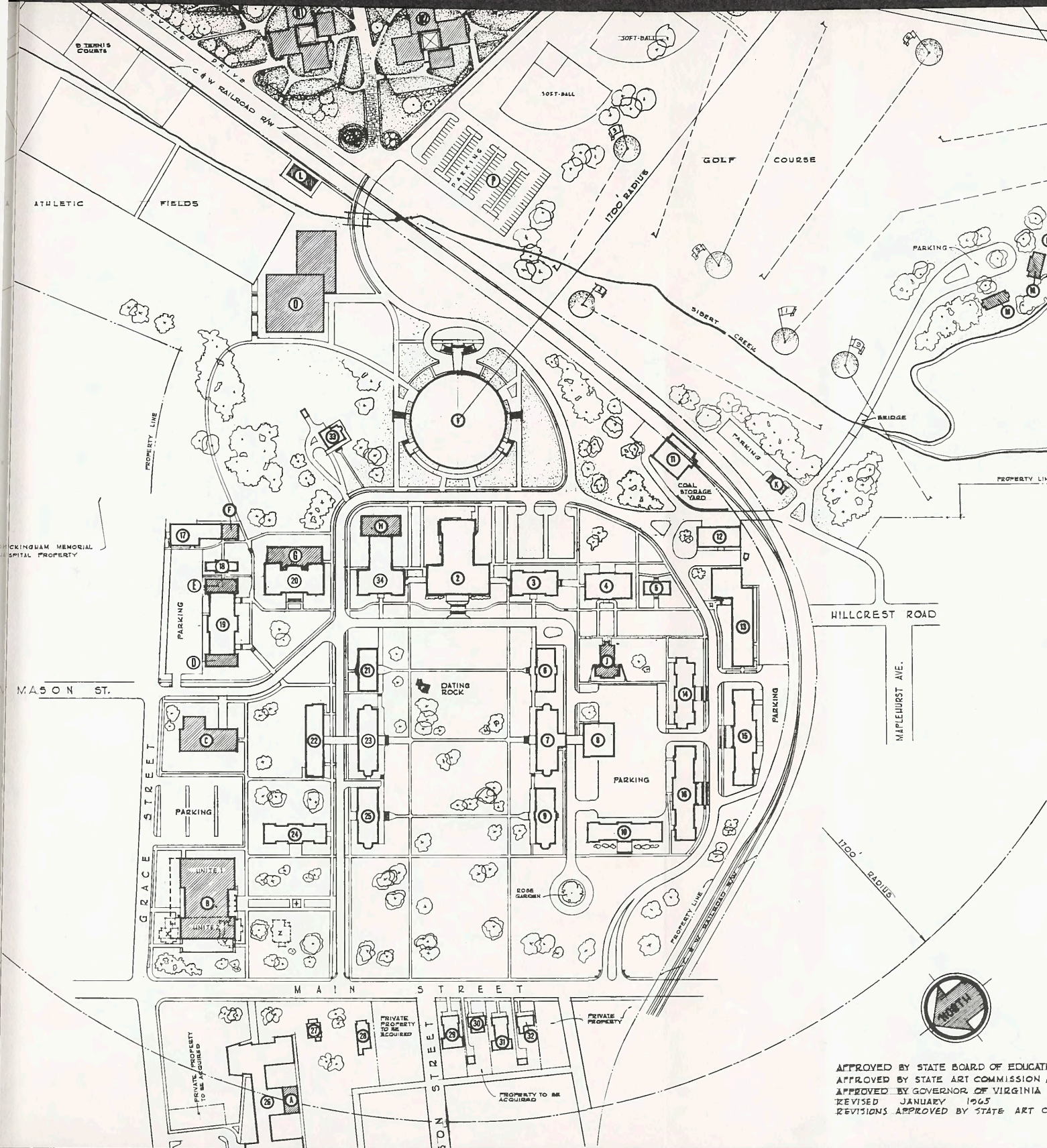
DIRECTIONS TO APPLICANTS

- Carefully fill out this preliminary application and mail it to the Director of Admissions and Student Aid, Madison College, Harrisonburg, Virginia.
- All Students (both boarding and day) must submit with the application a \$10 application fee—money order or check—payable to Madison College (do not send cash). This fee is non-refundable and will not be transferable to another session. It is not credited to the student's college account.*
- For students with advanced standing:* Ask the registrars of *all* schools you have attended beyond high school to forward credits to the Office of Admissions, Madison College, Harrisonburg, Va., as soon as you decide to apply for entrance here.
- When the Director of Admissions receives the preliminary application and fee, a regular application blank (Pre-Registration and Guidance) will be mailed you. This must be filled out and returned before your application can be considered by the Admissions Committee.

13. If you have a preference as to roommate, or dormitory, please give their names _____
14. Name of accredited public high or private secondary school(s) you have attended: _____
Address _____ Date of graduation _____
15. At what institutions of higher education have you done work beyond high school graduation? _____

16. Give the number as listed in the catalog—(I, II, etc.) of the curriculum in which you plan to register _____
17. How many sessions do you plan to attend college? _____
18. Please sign your name here _____

MAIL THIS APPLICATION FORM TO:
OFFICE OF ADMISSIONS
MADISON COLLEGE
HARRISONBURG, VIRGINIA



	NAME	PRESENT USE	FUTURE USE
EXISTING BUILDINGS	1	DINING HALL	DINING HALL
	2	WILSON HALL	ADMINISTRATION & ACAD.
	3	MAURY HALL	ACADEMIC BUILDING
	4	MOODY HALL	ACADEMIC BLDG. HOME EC.
	5	VARNER HALL	HOME MGMT.
	6	JACKSON HALL	DORMITORY
	7	HARRISON HALL	MUSIC AND STUD. ACT.
	8	HARRISON HALL ANNEX	STORAGE
	9	ASHBY HALL	DORMITORY
	10	CONVERSE HALL	DORMITORY
	11	BOILER PLANT	BOILER PLANT
	12	SHOP & LAUNDRY	SHOP & LAUNDRY
	13	HOFFMAN HALL	DORMITORY
	14	LOGAN HALL	DORMITORY
	15	WAYLAND HALL	DORMITORY
	16	GIFFORD HALL	DORMITORY
	17	WALTER REED INFIRMARY	INFIRMARY
	18	GREENHOUSE	
	19	BURRUSS HALL	SCIENCE
	20	MADISON MEMORIAL LIBRARY	LIBRARY
	21	ALUMNAE HALL	STUDENT OFFICES & MEET. RMS.
	22	JOHNSTON HALL	DORMITORY
	23	SHELDON HALL	DORMITORY
	24	CLEVELAND HALL	DORMITORY
	25	SPOTSWOOD HALL	DORMITORY
	26	ANTHONY-SEEGER CAMPUS SCHOOL	STUDENT LABORATORY SCHOOL
	27	BAKER HOUSE	STUDENT HOUSING
	28	NICHOLAS HOUSE	STUDENT HOUSING
	29	SHENANDOAH APT.	STUDENT HOUSING
	30	LINCOLN HOUSE	STUDENT HOUSING
	31	WELLINGTON APT.	FACULTY HOUSING
	32	ZIRKLE HOUSE	STUDENT HOUSING
	33	HILLCREST	PRESIDENT'S HOME
	34	KEEZELL HALL	ACADEMIC & PHYSICALED.
FUTURE BUILDINGS	A	CLASSROOM ADDITION	1964-1966
	B	FINE ARTS BUILDING	UNIT 1: 64-66, UNIT 2: 66-68
	C	ACADEMIC BUILDING	1966-1968
	D	SCIENCE BLDG. ADDN.	1964-1966
	E	SCIENCE BLDG. ADDN.	1964-1966
	F	INFIRMARY ADDITION	1970-1972
	G	LIBRARY ADDITION	1966-1968
	H	KEEZELL HALL ADDITION	FUTURE
	J	CHAPEL	FUTURE
	K	GARAGE-SERVICE VEHICLES	1966-1968
L	FIELD HOUSE	1964- PLANS IN PROGRESS	
M	PICNIC PAVILIONS	1966-1968	
N	DORMITORIES	N-1, N-2, 1964-66; N-3, N-4, 1966-68	
O	PHYSICAL EDUCATION BLDG.	N-5, N-6, 1968-70; N-7, N-8, N-9, 1970-72	
P	PARKING AREA	1966-1968	
	X	CARTER HOUSE	
	Y	SPRINKEL HOUSE	
	Z	MESSICK HOUSE	
		ALL TO BE REMOVED	

CAMPUS DEVELOPMENT PLAN

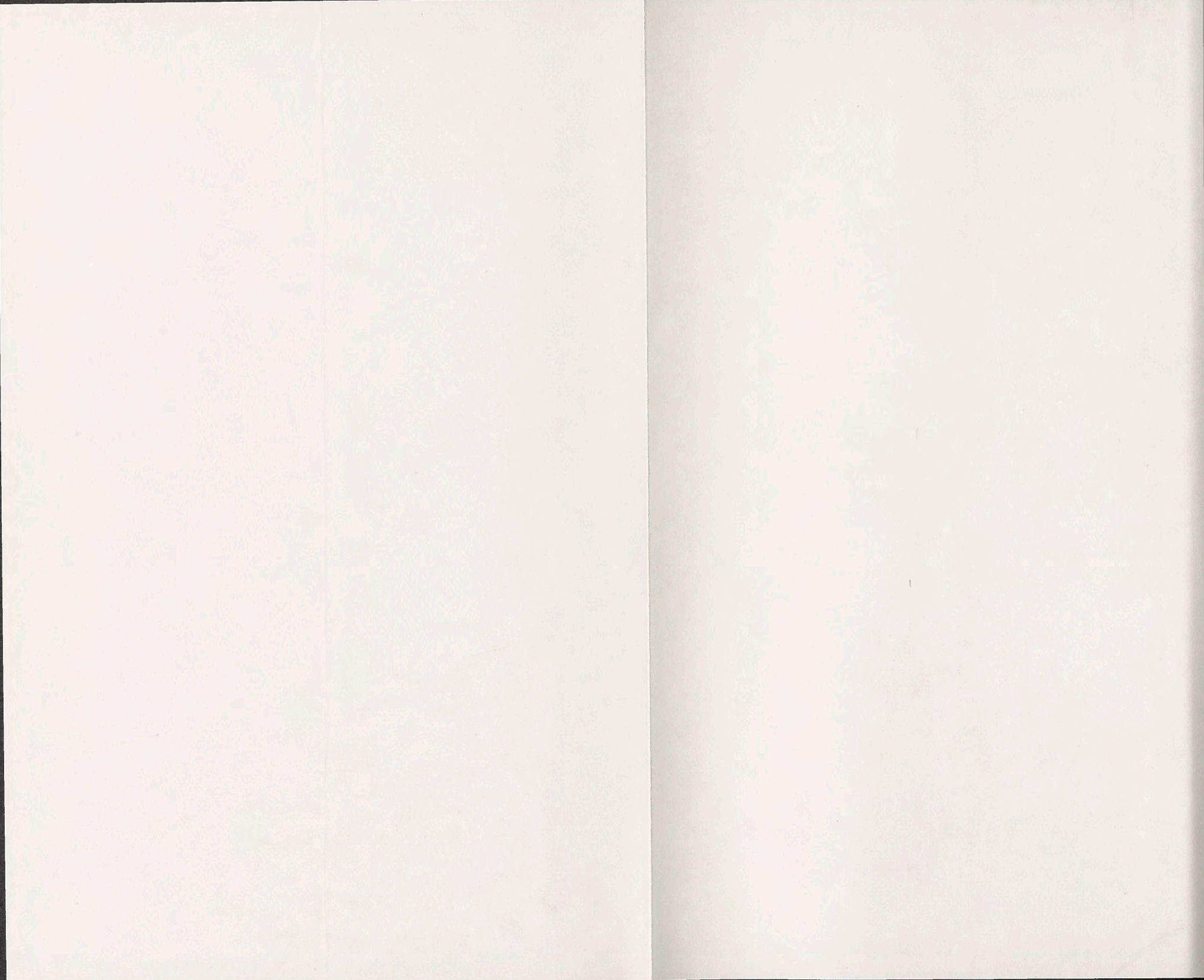
MADISON COLLEGE

HARRISONBURG, VIRGINIA

WRIGHT, JONES & WILKERSON, ARCHITECTS
RICHMOND, VIRGINIA

APPROVED BY STATE BOARD OF EDUCATION, JAN. 27, 1965
 APPROVED BY STATE ART COMMISSION, APRIL 5, 1965
 APPROVED BY GOVERNOR OF VIRGINIA, JUNE 13, 1965
 REVISED JANUARY 1965
 REVISIONS APPROVED BY STATE ART COMMISSION FEB. 5, 1965





WHEN YOU WANT INFORMATION
WRITE TO . . .

THE PRESIDENT

General matters pertaining to the College

THE DEAN

Academic requirements, curricula, and courses
Graduate Bulletin and Summer Session Catalog

THE DIRECTOR OF ADMISSIONS AND STUDENT AID

Admission of freshmen and advanced students
Expenses, loan funds, and scholarships
Regular Session Catalog

THE DEAN OF STUDENTS

Student Personnel Matters

THE DEAN OF WOMEN

Student rooming assignments

THE DIRECTOR OF FIELD SERVICES AND PLACEMENT

Placement of Graduates

THE BUSINESS MANAGER

Business matters, other than student expenses

THE REGISTRAR

Evaluation of credits

THE ALUMNI SECRETARY

Alumni affairs



The College can be reached by telephone at all times,
Harrisonburg 434-6756

Telegrams should be addressed to: Madison College,
Harrisonburg, Virginia.



An Application for Admission blank has been placed in the back of
the catalog for your convenience.

PLEASE BRING THIS BULLETIN
WHEN YOU REGISTER