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Bulletin Madison College, January, 1967

Madison College (Harrisonburg, Va.)

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BULLETIN MADISON COLLEGE

HARRISONBURG, VIRGINIA

RECORD OF 1965-66

ANNOUNCEMENTS, 1966-67
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.
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**ACADEMIC**

September 8—Dormitory assignment for new students.

September 9-10—Orientation of new students: incoming freshmen and transfer students.

September 12-13—Registration of new students.

September 13—Junior English Proficiency Test: 8:00 A.M.

September 14—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 15—Beginning of classes: 8:00 A.M.

September 19—Last day on which changes in class schedules of new students may be made without payment of $5.00 fee.

September 22—First semester convocation.

November 5—Classes end first eight weeks.

November 7—Classes begin second eight weeks.

November 9—Mid-semester grades for freshmen.

November 23—Thanksgiving vacation begins: 11:50 A.M.

November 28—Thanksgiving vacation ends and classes begin: 8:00 A.M.

December 20—Christmas vacation begins: 11:50 A.M.

January 4—Christmas vacation ends and classes begin: 8:00 A.M.

January 12—Classes end first semester: 8:00 A.M.

January 12, 1:00 P.M.—January 21—Examination period.

January 21—First semester ends.

January 25—Second semester registration of new students and course adjustments for old students.

Students who make class adjustments subsequent to this time will be subject to a fee of $5.00.

January 25—Junior English Proficiency Test: 1:00 P.M.

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

January 26—Second semester convocation.
CALENDAR

March 14—Founders Day.
March 18—Classes end third eight weeks.
March 20—Classes begin fourth eight weeks.
March 22—Mid-semester grades for freshmen.
March 22—Parents Day.
March 24—Spring vacation begins: 11:50 A.M.

April 3—Spring vacation ends and classes begin: 8:00 A.M.
April 10-15—Arts Festival.
April 25—Spring Registration.

May 6—May Day and Homecoming.
May 11—Honors Day.
May 17—Classes end second semester: 8:00 A.M.
May 17, 1:00 P.M.—May 26, 12:00 Noon—Examination period.
May 28—Baccalaureate Service: 11:00 A.M.
May 28—Commencement: 2:15 P.M.

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

July 3—Six-Week Session begins.

August 13—Summer Session ends.

September 14—First semester, 1967-68 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 education 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 studies 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 1965, 11,362 bachelor degrees were awarded and a total of 34,050 students attended the College with 282 of these earning their master degrees. The remainder of this total figure includes students in evening school, summer school and special students.
PART 1

Administration and Faculty

THE BOARD OF VISITORS

THE VISITORS EXECUTIVE COMMITTEE

THE OFFICERS OF ADMINISTRATION

THE FACULTY OF THE COLLEGE

THE STANDING COMMITTEES OF FACULTY
The Visitors of Madison College

Burr P. Harrison, Rector
Winchester

Russell M. Weaver, Vice-Rector
Harrisonburg

Charles C. Broun
Martinsville

Wallace L. Chandler
Richmond

Mrs. D. Kirk Hammond
Decatur, Georgia

Dabney S. Lancaster
Millboro Springs

J. Leonard Mauck
Marion

Thomas E. Sebrell, III
Alexandria

Mrs. Emily N. Spong
Portsmouth

Mrs. Helen Mugler Stuart
Richmond

G. Fred Switzer
Harrisonburg

Woodrow W. Wilkerson
State Superintendent of Public Instruction
Richmond

Executive Committee

G. Fred Switzer, Chairman
Mrs. Helen Mugler 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. President
Richard C. Mandeville, B. A. Assistant to the President
Alice E. Liggett Secretary to the President
Phillis R. Grattan Assistant Secretary to the President

OFFICE OF THE DEAN
J. Emmert Ikenberry, Ph.D. Acting Dean
Helen S. Sharpes Secretary to the Dean
Janice S. Moyers Assistant Secretary to the Dean
Pauline E. Brown Assistant Secretary to the Dean

OFFICE OF STUDENT PERSONNEL SERVICES
E. L. Tolbert, Ed.D. Dean of Students
Dorothy S. Garber, B.S. Dean of Women
Elizabeth G. Shafer, M.A. Assistant Dean of Women
Edna C. Ritchie Secretary, Division of Personnel Services
Doris Jean Rimel Secretary, Division of Personnel Services
Jean K. Conrad Social Hostess
Anne Lincoln Social Hostess
Esther D. Yancey Social Hostess

OFFICE OF THE BUSINESS MANAGER
Howard K. Gibbons, LL.B. Business Manager
Lyman Seese, B.A. Treasurer
Dorris H. McElyea Secretary to the Business Manager
Elizabeth Shiflett Assistant Secretary to the Business Manager
Shelba Clatterbuck Cashier
Elaine W. Reedy Bookkeeping Machine Operator
Ruth Detamore Accountant

OFFICE OF FIELD SERVICES AND PLACEMENT
Quincy D. Gasque, M.S. Director of Field Services and Placement
Carolyn J. Johnson Secretary to the Director

OFFICE OF THE REGISTRAR
Pauline C. Long, B.S. Registrar
Janet Armentrout Secretary to the Registrar
Hazel Sellers Assistant Secretary to the Registrar
William T. Sheppard, III Accounting Machine Supervisor
Office of Admissions and Student Aid

William J. DeLong, M.A.  Director of Admissions and Student Aid
Bonnie Miller  Secretary to the Director
Nancy K. Sigmon  Assistant Secretary to the Director
Dorothy V. Lam  Assistant Secretary to the Director
Mary Jane McNeill  Assistant Secretary to the Director

Library Service

Forrest C. Palmer, M.S. in L.S.  Librarian
Ferne R. Hoover, M.A.  Assistant Librarian
Leta C. Showalter, B.S. in L.S.  Assistant Librarian
Elizabeth E. Downey, B.S. in L.S.  Assistant Librarian
Mary Kathryn King, M.S. in L.S.  Assistant Librarian
Janice Pfoutz, B.S.  Library Assistant
Margaret Bird  Secretary, Bureau of Teaching Materials
Alda S. Trenary  Secretary to the Librarian
Joyce Luck  Secretary, Library Science Department
Emily H. Long  Library Clerk
Peggy Hinkle  Library Clerk
Harriet Moyers  Library Clerk
Mildred Rubin  Library Clerk
Lana Bennett  Library Clerk

Health Service

Walter F. Green III, M.D.  College Physician
Lucille Monger, R.N.  College Nurse
Genobia Ruckman, R.N.  College Nurse
Vallie B. Crist, R.N.  College Nurse
Charlotte B. Bradley  Secretary

Food Service

Jean Copper, M.S.  Food Service Manager
Mary Louise Trimpey, B.S.  Assistant Dietitian
Bertha D. Gassett, B.S.  Institution Dietitian
Gretchen Rubush  Dietary Unit Supervisor
Ruth Roadcap  Manager, Tearoom
Janet Long  Secretary, Dietitian’s Office
Charlena Phillips  Assistant Secretary, Dietitian’s Office

Buildings, Grounds, and Laundry

Frank N. Roberts  Superintendent of Buildings and Grounds
Bessie M. Lenox  Director of Dormitories
Ruth Baugher  Assistant Director
Albert L. Watson  Laundry Foreman
Alma Glover  Manager, Bookstore
Danise D. Way  Clerk, Bookstore
SECRETARIES TO DIVISIONS AND DEPARTMENTS

Patricia Fleming, A.B. in Ed.  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 Derrow  Secretary to Director of the Division of Natural Sciences
Betty Strong  Secretary to Director of Laboratory School Experiences
Madeline E. Heatwole  Secretary to Director of Campus School
Sue Baylor  Secretary, Department of Music
Betty E. Spitler  Secretary, Departments of Biology and Physics
Florine Taylor  Secretary, Department of Physical and Health Education
Naomi Wyble  Secretary, Department of Foreign Languages
Helen W. Wittig  Secretary, Reading and Child Guidance Centers
JoAnn Cook  Secretary, Department of Business
Evelyn Jost  Secretary, Department of Home Economics
Carolyn D. Funkhouser  Secretary to the Department of Art
Judith Moomaw  Secretary to the Department of History

DORMITORY HOSTESSES

Nell G. Baugher  Caroline T. Marshall
Ann B. Callison  Carolyn Pendleton
Virginia DeHaven  Lenora Reilly
Ruth Fritchie  Mary Ann Saunders
Marie L. Gardner  Pearl O. Sledd
Henrietta S. Kern  Margaret L. Wayland
Marjorie Lind  Maude Weiford
Sally Livick  Judy Wilkerson
Kathryn McNeill  Lois Zirkle

SWITCHBOARD OPERATORS

Mona Ageon  Catharine J. Holmes  Alma Woodson

POST OFFICE

Christina Moyers  Clerk
Marguerite Miller  Clerk

London A. Sanders, M.S.  Secretary of the Faculty

ADMINISTRATIVE COUNCIL—1965-66

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.

J. Emmert Ikenberry
A.B., Bridgewater College; M.A., Ph.D., Cornell University.
Acting Dean and Professor of Mathematics

Virginia Aliotti
Assistant Instructor of French

J. Edgar Anderson
Diploma in Violin, Muskingum College; B.M., M.M., Cincinnati Conservatory.
Professor of Music

Virginia Aliotti
Assistant Instructor of French

J. Edgar Anderson
Professor of Music

Sara Elizabeth Anderson
B.S., M.S., Woman's College of the University of North Carolina; Ed.D., Indiana University.
Associate Professor of Business Education and Field Supervisor of Student Teaching

Elizabeth Fisk Atwood
Instructor of Art

Raymond E. Beasley
B.A., Phillips University; M.A., University of Michigan.
Assistant Professor of Mathematics

Kenneth J. Beer, Jr.
B.A., M.A., Wayne State University.
Assistant Professor of Art

Arvella P. Blair
B.S., M.A. in Ed., Madison College.
Assistant Professor of Sociology

Charles W. Blair
B.A., Bridgewater College; M.A. in Ed., Madison College; Ed.D., University of Virginia.
Assistant Professor of Education and Field Supervisor of Student Teaching

Sidney R. Bland
B.A., Furman University; M.A., University of Maryland.
Instructor of History

Norlyn L. Bodkin
A.B., M.S., West Virginia University.
Assistant Professor of Biology

Olive S. Bowman
Assistant Professor of Mathematics

Mary Campbell Brill
A.B., Syracuse University; A.M., Ph.D., Cornell University.
Professor of English

Earl F. Brown
B.S., The Ohio State University; S.M., University of Chicago.
Assistant Professor of Geography

Patricia J. Bruce
A.B., Wheaton College; M.Ed., Boston University; P.E.D., Indiana University.
Associate Professor of Physical and Health Education and Field Supervisor of Student Teaching
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
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<tr>
<td><strong>LESTER S. BUCHER</strong></td>
<td>Professor of Music</td>
<td>B.S., State College, West Chester, Pennsylvania; M.S., University of Pennsylvania; Ed.D., Columbia University.</td>
</tr>
<tr>
<td><strong>GERTRUD BURAU</strong></td>
<td>Assistant Professor of Music</td>
<td>B.S., A.M., Columbia University.</td>
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<tr>
<td><strong>HORACE BURR</strong></td>
<td>Assistant Professor of Drama and Speech</td>
<td>A.B., DePauw University; M.A., University of Southern California.</td>
</tr>
<tr>
<td><strong>CHARLES G. CALDWELL</strong></td>
<td>Professor of Psychology</td>
<td>A.B., Roanoke College; M.A., Ph.D., University of Chicago.</td>
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<tr>
<td><strong>WILBERT CHAPPLEL</strong></td>
<td>Professor of Chemistry</td>
<td>B.S., Ottawa University; A.M., Ph.D., University of Kansas.</td>
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<tr>
<td><strong>PAUL C. CLINE</strong></td>
<td>Assistant Professor of Political Science</td>
<td>A.B., LL.B., M.A., West Virginia University.</td>
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<tr>
<td><strong>MONA LYON COFFMAN</strong></td>
<td>Assistant Professor of Business Education</td>
<td>A.B., Nebraska State Teachers College, Peru; M.A., George Peabody College for Teachers.</td>
</tr>
<tr>
<td><strong>BURLTON J. CONWAY</strong></td>
<td>Assistant Professor of Physics</td>
<td>B.S., Virginia Military Institute; M.S., United States Navy Postgraduate School, Monterey, California.</td>
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<tr>
<td><strong>RAYMOND D. COOL</strong></td>
<td>Professor of Chemistry</td>
<td>B.S., Bridgewater College; M.S., Ph.D., University of Virginia.</td>
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<tr>
<td><strong>JEAN E. COPPER</strong></td>
<td>Food Service Manager; Assistant Professor of Home Economics</td>
<td>B.S., Madison College; M.S., The Ohio State University.</td>
</tr>
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<td><strong>WILLIAM D. COVELL</strong></td>
<td>Assistant Professor of Psychology</td>
<td>B.S., Florida Southern College; M.Ed., University of Florida.</td>
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<tr>
<td><strong>MARILYN CRAWFORD</strong></td>
<td>Associate Professor of Physical and Health Education</td>
<td>B.S., Woman's College of the University of North Carolina; M.A., University of North Carolina; Ed.D., University of Texas.</td>
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<td><strong>JAY L. CURTIS</strong></td>
<td>Professor of English</td>
<td>A.B., A.M., Ph.D., University of North Carolina.</td>
</tr>
<tr>
<td><strong>MARILYN R. CURTIS</strong></td>
<td>Assistant Professor of Mathematics</td>
<td>B.S., M.S. in Ed., Madison College.</td>
</tr>
<tr>
<td><strong>GARNEY L. DARRIN</strong></td>
<td>Associate Professor of Education and Director of Anthony-Seeger Campus School</td>
<td>B.S., M.Ed., Wayne State University; Ed.D., University of Maryland.</td>
</tr>
<tr>
<td><strong>WILLIAM J. DELONG</strong></td>
<td>Director of Admissions and Student Aid</td>
<td>B.S., Roanoke College; M.A., University of Virginia.</td>
</tr>
<tr>
<td><strong>Z. S. DICKERSON, JR.</strong></td>
<td>Professor of Business Education</td>
<td>B.S., Eastern Kentucky State College; M.A., Ed.D., University of Kentucky.</td>
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</table>
JOHN 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

CAROLYN C. DRIVER  Instructor of Home Economics
B.S. in Ed., Madison College.

EARL R. EDWARDS  Assistant Professor of Health Education
B.S., Southern Illinois University; M.A., Colorado State College.

HAZEL JEANNE ELLER  Assistant Professor of Physical and Health Education
B.F.A., M.S.P.E., Woman's College of the University of North Carolina.

GEORGE T. FARMER, JR.  Assistant Professor of Geology
B.A., M.S., University of Virginia.

JAMES F. FERRY  Professor of Biology
A.B., West Virginia Wesleyan College; M.S., West Virginia University; Ph.D., The Ohio State University.

BILLIE N. FINLAY  Assistant Professor of Library Science
B.S., Mississippi State College for Women; M.S. in L.S., Louisiana 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 S. 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.

LOIS 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.
Faculty

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., M.S., Madison College.

WALTER 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.

DAVID VANCE GUTHRIE Assistant Professor of Social Science
B.A., M.A., Washington and Lee University; B.D., Virginia Theological Seminary.

CLIVE HALLMAN, JR. Assistant Professor of History
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.

JOHN R. HANSON Assistant Professor of Mathematics
A.B., Washington and Lee University; Ph.D., Virginia Polytechnic Institute.

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

DOROTHY VIRGINIA HARRIS Assistant Professor of Physical and Health Education
B.S., Madison College; M.Ed., University of North Carolina; Ph.D., University of Iowa.

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

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

HORTENSE 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 Dupré, Conservatoire Americain, Fontainebleau, France; "Mozarteum," Salzburg, Austria.

BARBARA A. HITE  
_Assistant Professor of English_
B.A., Mary Baldwin College; M.A.T., Johns Hopkins University.

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., M.A. in Ed., 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.

MARGARET F. HORN  
_Instructor of Physical and Health Education_
B.A., Bridgewater College; M.S in Ed., Madison College

ROBERT H. HORN  
_Assistant Professor of Education and Field Supervisor of Student Teaching_
B.A., Bridgewater College; M.Ed., University of Virginia.

ROBERT J. HURSEY, JR.  
_Assistant Professor of Mathematics_
B.S., University of North Carolina; M.A., The College of William and Mary.

KATHERINE IKENBERRY  
_Assistant Professor of English_

HELEN V. ININGER  
_Assistant Professor of Music_
A.B., Wilson College; M.M., Eastman School of Music; M.M., University of Michigan.

MARY 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.

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.

JEROME J. KLENNER  
_Associate Professor of Biology_
B.S., Saint Francis College; M.S., University of Pittsburgh; Ph.D., University of Notre Dame.
Faculty

**Willis Bernard Knight**  
Assistant Professor of Education  
B.S. in Ed., Tusculum College; M.Ed., University of Virginia.

**S. James Kurtz**  
Assistant Professor of Music  

**Allen Lacy**  
Associate 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  

**James 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.

**Willis L. Loy**  
Assistant Professor of English  
B.S., in Ed., M.A., University of Missouri.

**John T. Lyon, Jr.**  
Assistant Professor of Music  
and Field Supervisor of Student Teaching  

**Daniel McFarland**  
Professor of History  
A.B., University of North Carolina; M.A., Ph.D., University of Pennsylvania.

**William J. McMurray**  
Associate Professor of English  
B.A., Middlebury College; M.A., University of Illinois; Ph.D., University of New Mexico

**Robin McNallie**  
Assistant Professor of English  
B.A., St. Lawrence University; Candidate for Ph.D., Princeton University.
ANDREW J. MAHLER
A.B., Wagner College; M.A., Columbia University; Ph.D., University of North Carolina.

RICHARD C. MANDEVILLE
B.A., University of Michigan.

MIMI H. MARR
B.A., Oklahoma College for Women; M.A., University of Arkansas.

CAROLINE T. MARSHALL
B.A. in Ed., Madison College; M.A., University of Virginia.

CLIFFORD T. MARSHALL
B.M., Eastman School of Music; M.M., Sherwood School of Music.

MYRA K. MARTIN
B.A., Southern Methodist University; M.A., Duke University.

WILLIAM L. MENGENBER
B.S., The Citadel; M.S., Oberlin College; Ph.D., University of Tennessee.

SIEGFRIED S. MEYERS
B.S., M.A., Ph.D., New York University.

HARRY KENT MOORE
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.

JANE W. MYERS
Assistant Instructor of Physical and Health Education
B.S. in Ed., Madison College.

ELIZABETH 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.

JANE W. OGLE
B.S., M.A., East Tennessee State University.

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.
Sandra Kay Phillips
B.S., M.S., University of South Carolina.

Beverly Anne Pleasants
Assistant Professor of Biology
B.S. in Ed., Madison College; M.S., Louisiana State University.

Raymond J. Poindexter
Professor of Education and Director of Laboratory School Experiences
A.B., Randolph-Macon College; M.A., University of Virginia; Ph.D., The Ohio State University.

George W. Polites
Assistant Professor of Mathematics
B.S., Western Michigan College; M.S., The Florida State University.

Margaret 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.

John T. Rice
Assistant Professor of Sociology
B.S., Virginia Polytechnic Institute; M.A., University of Tennessee.

Felsie K. Riddle
Assistant Professor of Library Science
A.B., Guilford College; B.A. in L.S., University of North Carolina.

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.

Rose Mary Rummell
Instructor of Physical and Health Education
B.S., Lamar State College; M.A., Sam Houston State College.

London A. Sanders
Professor of Business Education
B.S., M.S., University of Tennessee; M.Ed., University of Pittsburgh.

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.

Elizabeth G. Shafer
Assistant Dean of Women and Assistant Professor of English
B.A., M.S., Florida State University.

G. Jean Shaw
Associate Professor of Music
B.M., Eastman School of Music, University of Rochester; M.M. in Mus. Ed., University of South Dakota; Ph.D., Catholic University of America.
EDMUND SHAY  
B.S., M.S., Julliard School of Music.

Assistant Professor of Music

LETA C. SHOWALTER  
A.B., Bridgewater College; B.S. in L.S., Columbia University.

Assistant Librarian

MARLENE C. SHOWALTER  
B.A., Eastern Mennonite College.

Assistant Instructor of Mathematics

MARTHA D. SIEG  
B.A., Wittenberg College; M.S., University of Tennessee.

Assistant Professor of Home Economics and Field Supervisor of Student Teaching

CAROLINE SINCLAIR  
B.S., College of William and Mary; Ph.D., New York University.

Professor of Physical and Health Education

ARMAND V. SMITH, JR.  
B.S., M.S., Purdue University; Ph.D., Virginia Polytechnic Institute.

Associate Professor of Mathematics

ELMER L. SMITH  
B.S., Florida Southern College; M.A., Western Reserve University; D.S.Sc., Syracuse University.

Professor of Sociology

MIFTAR SPAHIJA  
Ph.D., University of Turin.

Associate Professor of Latin

DORIS V. STAGE  
A.B., Miami University, Oxford, Ohio; Ph.D., Iowa State University.

Professor of Chemistry

JOYCE STEED  
B.A., Westhampton College; A.M., Radcliffe College.

Assistant Professor of English

JOHN G. STEWART  
B.A., College of the Pacific; M.A., Columbia University.

Assistant Professor of Foreign Languages

MARY P. STROUGH  
B.S., Richmond Professional Institute of the College of William and Mary; R.N., Stuart Circle School of Nursing.

Assistant Professor of Health Education

HELEN FAGSTAD SWINK  
B.S., West Virginia University; M.A. in Ed., Madison College.

Assistant Professor of English

TIMOTHY N. TAYLOR  
B.S., M.S., North Carolina State College.

Assistant Professor of Mathematics

RUTH L. TERGESON  
B.S., Boston University Sargent College; M.Ed. in P.E., Woman's College of the University of North Carolina.

Instructor of Physical and Health Education

CRYSTAL THEODORE  

Professor of Art

JAMES L. THOMAS, JR.  
B.A., George Washington University; M.F.A., Cornell University.

Assistant Professor of Art
Faculty

E. L. Tolbert
Professor of Guidance; Dean of Students
B.S., University of Virginia; M.A., The Ohio State University; Ed.D., Columbia University.

Rosalind Trent
Assistant Professor of English
A.B., Woman's College of the University of North Carolina; M.A., Duke 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.

Thomas B. Waters
Assistant Professor of Art

Lowell M. Watkins
Assistant Professor of Music
B.S., State College, West Chester, Pennsylvania; M.A., Columbia University.

John C. Wells
Professor of Physics
A.B., Colgate University; M.A., Ed. D., Columbia University.

Donald Lee West
Assistant Professor of Education and Field Supervisor of Student Teaching
A.B., Lincoln Memorial University; B.D., Vanderbilt University; M.A., Oglethorpe University; Certificate in Advanced Study in Education, Johns Hopkins University.

Herbert B. Whitmer, Jr.
Assistant Professor of Social Science
B.A., Bridgewater College; M.S in Social Work, Richmond Professional Institute of the College of William and Mary.

Howard 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.

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., Ph.D., Tulane University.

Billy Jon Woods
Assistant Professor of Music
B.M., Southwestern at Memphis; M.S. in Music, Juilliard School of Music.

Janet B. Yancey
Assistant Instructor of Latin
B.S. in Ed., Madison College.

Charles W. Ziegenfus
Assistant Professor of Mathematics
B.S., Moravian College; M.S., University of Kansas.

1 On Part Time Basis.
ANTHONY-SEEGER CAMPUS SCHOOL FACULTY

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.

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.

Dorothy C. Raynes  Assistant Instructor, Supervisor of Sixth Grade
B.S. in Ed., Madison College.

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 FACULTY

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.

These high school teachers also serve as supervisors of student teaching and are granted faculty status by the College.
Faculty and Student-Faculty Committees, 1965-66

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 Divisions, Mr. Bucher, Mr. Mengebier, Mr. Poindexter.

FACULTY COUNCIL

President of the College, Chairman, Dean of the College, Directors of the Divisions, Miss Anderson, Mr. Chappell, Mr. Dingledine, Miss Grove, Mr. Leigh, Mr. Leland, Mr. Stewart, Miss Winn.

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 Divisions, Heads of the Departments, Director of the Campus School.

CURRICULUM ADVISERS

Dean of Students, Group Chairman.

I Miss Winn, Chairman. Mr. Curtis, Mrs. Finlay, Miss Grove, Mr. Hallman, Miss Jenkins, Miss Kelly, Mr. Lahaie, Mr. Long, Miss Marshall, Mrs. Swink, Mr. Wells, Mr. Ziegenfus.

II, III Mr. Dingledine and Mr. Stewart, Co-Chairmen. Mrs. Blair, Miss Bruce, Mr. Chappell, Mr. Gordon, Mr. Hanson, Mr. Hite, Mrs. Jackson, Mr. Jones, Mr. Leigh, Mr. Mahler, Miss Morrison, Mrs. Ogle, Mr. Palmer, Mr. Polites, Mr. Rea, Miss Riddle, Mrs. Schmidt, Miss Theodore, Mrs. Wilkins, Mr. Wood.

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. Mr. Beer, Miss Brill, Mr. Caldwell, Mr. McFarland.
VIII Mr. Chappell, Acting Chairman. Mr. Ferry, Mr. Grimm, Mr. Grunwald, Mr. Harnsberger, Mr. Hursey, Mr. Klenner, Mr. Mengebier, Mr. Meyers, Miss Stage, 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, Miss Anderson, Mr. Caldwell, Mr. Locke, Mr. Elmer Smith.

ALUMNI RELATIONS

Dean Garber, Chairman, Secretary of the Alumni Association, Mrs. Aliotti, Miss Anderson, Mr. Blair, Mr. DeLong, Miss Downey, Miss C. Driver, Miss Eller, Miss Harris, Mrs. Hobson, Mr. Gasque, Mr. Graves, Miss Hopkins, Mrs. Jackson, Miss Marshall, Miss M. Sieg.

ARTS FESTIVAL

Mr. Locke, Chairman, Miss Burau, Mr. Burr, Mr. Diller, Miss Garcia, Mr. Hite, Miss Ininger, Mr. Lacy, Mr. Leland, Mr. Leigh, Miss Theodore, Mrs. Wilkins.

ASSEMBLIES, PUBLIC EXERCISES, AND ENTERTAINMENTS

Mr. Anderson, Chairman, Business Manager, Mr. Leigh, Mr. Marshall, Mrs. Shafer, Mr. Thomas, Mr. West, 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. Mahler, Mrs. Schmidt, Miss Theodore, Mr. Wells.

EDUCATIONAL TELEVISION

Mr. Heeb, Chairman, Mr. Bucher, Mr. Caldwell, Mr. Darrin, Mr. Lahaie, Mr. Marshall, Mr. Mengebier, Mr. Meyers, Mr. Wells, Mr. Whitmer, Assistant to the President.
Committees

FIELD SERVICES

Mr. Poindexter, Chairman, Mr. Gasque, Secretary, Miss Atwood, Mrs. Blair, Mr. Curtis, Mr. Dickerson, Mr. Graves, Mr. Lyon, Mr. Polites, Mrs. Rauch, Miss Rowe, Miss Sinclair, Miss Watkins.

HEALTH AND SAFETY COUNCIL

Miss Crawford, Chairman, Dean of Students, Business Manager, College Physician, Mr. Conway, Miss Copper, Mr. Darrin, Mr. Edwards, 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 or Miss Theodore), a faculty adviser for the Honor Council (Mr. Dingledine or Mr. Mengebier or Mr. Locke).

LIBRARY

Mr. Palmer, Chairman, Miss Brill, Miss Burau, Mr. Curtis, Mr. Ferry, Mr. Goff, Miss Hoover, Mrs. Jackson, Mr. McFarland, Mr. McMurray, Mrs. Mason, Miss Stage.

RESEARCH AND OTHER STUDIES

Mr. McFarland, Chairman, Miss Brill, Mr. Brown, Miss Bruce, Mr. Curtis, Mr. Darrin, Mr. Mengebier, Mr. Rea, Miss Rowe, Miss Shaw, 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, Mrs. A. Driver, Mr. Harnsberger, Mr. Jones, Miss Morrison, Mr. Rice, Mrs. Wilkins, two Student Representatives from each class; Presidents of the 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. LELAND, MISS ROWE, three Hostesses (to be appointed by Dean of Women), an elected representative from each of the four classes and the Men's Student Government Organization.

VISITING SCHOLARS

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

MADISON REPRESENTATIVES FOR UNIVERSITY CENTER

Board of Directors—President G. Tyler Miller.

Council—Acting Dean J. Emmert Ikenberry.

Projects Committee—Mr. Elmer L. Smith, Director of the Division of Social Sciences; Head of the Department of Social Science; Professor of Sociology.

Research Council—Mr. Daniel M. McFarland, Professor of History.

Visiting Scholars Committee—Mr. Louis G. Locke, Director of the Division of Humanities; Head of the Department of English and Literature; Professor of English.

Visiting Scientists Committee—Mr. Wilbert Chappell, Head of the Department of Chemistry; Professor of Chemistry.

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 Psychology.

Eastern Studies Committee—Mr. John E. Wood, Assistant Professor of History.
PART 2
The Campus Community

THE ORGANIZATION OF MADISON COLLEGE
STUDENT GUIDANCE
FRESHMAN ORIENTATION WEEK
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, dismissal, 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, Registrar 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 and Literature, General Philosophy; Foreign Languages; Music; and Speech and Drama.

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, Home Economics, Library Science, and Social Science.
Student Guidance

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

Each student has a faculty adviser all through his college career. 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.

Quite often the same faculty member will serve as adviser for all four years, providing this adviser is in the student’s major department. If not, at the end of the first year, a departmental adviser is designated.

In an interlocking advisory system, the Dean of Students and other members of the Personnel Office are available upon request of students or faculty 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 in mathematics, history, and foreign languages 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 Basic Studies 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. Music placement tests for those in the music curricula

5. Physical education testing for fitness. Conferences with the college physician by those students with health problems

6. Individual and group counseling by advisers

7. Interviews with the Dean of Students for students who have not definitely decided upon their curricula

8. Informal instruction concerning Student Government and the Honor System

9. Indoctrination in the traditions of Madison College

10. Programs to provide information about the academic offerings at Madison

11. Entertainment by student activities groups, and other activities to assist new students in getting to know faculty members, old students and community people.
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 45-47, 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 to furnish guidance and counseling to students.

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 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.

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 serving over 2,000 people, is located directly behind Wilson Hall at the center of the campus.
THE ACADEMIC BUILDINGS

The Madison Memorial Library contains approximately 120,000 volumes and receives about 640 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. The office, classrooms, and laboratory for the department of library science are in the library.

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 and the Assistant to the President. 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 30 by 60 feet, 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 nursery school, kindergarten, and grades one through seven.

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.

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 for an eight week period and practice management of a home under the supervision of a home economics instructor.

Hillcrest is the home of the President of the College. It was built in 1910 by President Burruss and occupied for 30 years by President Duke and his family. It was renovated in 1949 for occupancy by President Miller.
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.

The 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.

Laundry-Shop-Storage building is a multi-purposed structure housing the College's laundry facilities and shop and storage space for the maintenance crew.
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.
Madison offers excellent opportunities for active and stimulating social and cultural 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 housekeeping 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.
THE FOLLOWING ARTISTS AND LECTURERS APPEARED DURING THE 1965-66 SESSION AT THE COLLEGE:

DIGBY BALTZELL—Professor of Sociology, The University of Pennsylvania

CLAIRE HUCHET BISHOP—Writer

KURT VON SCHUSCHNIGG—Professor of Political Science, The University of St. Louis, Former Chancellor of Austria

ERWIN CANHAM—Editor, Christian Science Monitor

GRAINNE YEATS—Harpist, Dublin, Ireland

PAUL GREEN—Dramatist

ELTON TRUEBLOOD—Professor of Religion, Earlham College

SCHUYLER VON RENSSELAER CAMMANN—Professor of Chinese Studies, The Graduate School, The University of Pennsylvania

JOHN MORTON BLUM—Professor of History and Chairman, History Department, Yale University

RICHARD ELLMAN—Franklin Bliss Snyder Professor of English, Northwestern University

LEON EDEL—Professor of English, New York University

ALLEN TATE—Poet and Professor of English, The University of Minnesota

W. D. SNODGRASS—Poet

HOYT SHERMAN—Artist and Professor of Art, The Ohio State University

RICHARD DYER-BENNETT—Folk Singer

Lucas Hoving Dance Group

Bach Aria Group

National Players in Moliere's "The Miser"

Richmond Little Symphony
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, Orchesis (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 cooperates 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.

Phi Omicron Tau is the local home economics honorary fraternity. To be qualified for membership, a student must be in her junior or senior year, majoring in home economics, with a cumulative average of 2.5 and a 3.0 average in home economics subjects.
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.
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 Dean of the College; 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 Governing Board has assigned responsibility for the administration of the College to the President including the full authority to make final decisions in all matters governing the conduct of students. Certain administrative officers and faculty members have been appointed to assist him in carrying out this responsibility.

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 60.

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.

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.

3. Day students should notify the Dean of Students of change of address not later than twenty-four hours after the change is made.

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 students taking clothing classes.

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. Students who cause the College to receive unfavorable public notice, or 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.
PART 3

Academic Information

ADMISSION OF STUDENTS
SELECTION OF COURSES
STUDENT LOAD
CLASSIFICATION
THE GRADING SYSTEM
QUALITY RATING SYSTEM
UNSATISFACTORY SCHOLARSHIP
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Admission of Students

APPLICATION

Candidates for admission to Madison College may obtain an application blank upon request from the Director of Admissions. Applicants are urged to submit their applications and their three year high school transcripts early in the first semester of the senior year beginning after September first. The application form contains a self-addressed envelope which must be returned along with an application fee of $10.00. This fee is required of ALL APPLICANTS. It is not refundable, will not be transferred to another session, and will not be credited to the student’s account. After the application fee has been mailed to Madison the application form should be carefully completed and then it should be submitted to the high school Guidance Office with the request that the high school record be attached and forwarded to the Director of Admissions, Madison College, Harrisonburg, Virginia.

Upon the receipt of the $10.00 fee, the completed application form including the official high school transcript, and a report of the College Entrance Examination Board test scores, the Admissions Committee will carefully review all credentials. The applicant will then be notified of the decision of the committee.

For all dormitory applicants an additional non-refundable payment of $100.00 is due thirty days after notification of acceptance to secure the room reservation. This payment is not an additional expense but is credited to the student’s account upon registration. If this payment is not made within the time limit of thirty days, the acceptance will be cancelled and the application will become inactive. Any request for reactivating the application will be considered in light of the space available at that time.

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; 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.

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.
Admission of Students

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 accredited colleges and universities and 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 the general entrance requirements of Madison College and must have an above average record on all work taken at other institutions. In certain cases the student may be required to submit the results of three achievement tests for admission, namely, English, Mathematics, and one in his major field.

Special consideration is given to applicants from junior colleges who have made distinguished academic records.

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. Concealment of previous attendance at a college or university is cause for cancellation of admission and registration.

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 and which are approximately equivalent to courses in the curriculum he elects.

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.
Admission of Students

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. Applicants for re-entry to the second semester must apply and submit room fee by January first; for the fall semester, by April 15th. 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.

Students who are ineligible to return to a regular session of the College on account of low scholastic average are permitted to attend no more than two summer sessions in order to attain the cumulative average required for eligibility to return to the regular session.

Special Students:

Any student enrolled for not more than three courses is considered a special student.

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. A student failing to submit a report of a medical examination will NOT BE ALLOWED TO REGISTER.

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 near the Campus and the College dining halls are open to them. There are approximately 200 men students enrolled at Madison. For further information, prospective men students should write to the Director of Admissions.

EARLY ACCEPTANCE PLAN

Madison College will give early decisions in November and in December on acceptance of qualified applicants who request it and have all credentials on file by November 1st.

They must also have completed the March, May, or July Scholastic Aptitude Test of the College Entrance Examination Board. Other applicants will be processed during the regular acceptance period beginning in January and extending until capacity has been reached. Transfer students may not apply for Early Acceptance.

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.
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 76-104—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.

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 grade report to the parent or guardian at the end of each semester.

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.
Grading

"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 Only courses taken at Madison are used in computing the scholarship index.

All grades earned at Madison are used in computing the scholarship index. Grades earned at other institutions are not included in this computation. If a course in which the student has a passing grade is repeated for a higher grade, both grades, the original and the repeated one, will be used in computing the average.

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.
Scholarship Requirements

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 semester of residence, with a scholarship index of less than 1.00.

2. After the first year of residence, with a scholarship index of less than 1.60.

3. After two years of residence, with a scholarship index of less than 2.00.

4. 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.

Mid-Semester Reports

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. Instructions for application for Honors may be obtained at the Office of the Dean.

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.
Graduation Requirements

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

1. Have a good citizenship record 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;
4. Have a scholarship index of 2.00 or better in his major subject;
5. Meet the course requirements of one of the curricula leading to the degree for which he is a candidate;
6. Pass the Junior English Proficiency Examination;
7. Have spent a minimum of two semesters, in residence at Madison College, and have earned a minimum of thirty-two semester hours of credit during this term of residence;
8. Be a student at Madison College during the semester in which the requirements for the degree 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.
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 2.0 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.

1The quality point system used at Madison is: A=4; B=3; C=2; D=1.
e. Students who transfer to Madison with 60 semester hours of work should submit their application described in item e 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."
Student Teaching (Curricula I-VI)

Student teaching is required of all students who are enrolled in a curriculum leading to a teacher's certificate.

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.

Teachers' Certificates

The programs of study for teachers (Curricula I-VI) lead to the Bachelor of Science degree and the Collegiate Professional Certificate.

For endorsement of the certificate to teach a specific subject, an average of 2.00 or above in that subject is required. A grade of "C" or higher on student teaching is required for a teacher's certificate.

For information relative to renewal, extension, or reinstatement of certificates, the student should write to the Director, Division of Teacher Education in the State Department of Education at Richmond.
PART 4
The Academic Program

DEGREES
PROGRAMS OF STUDY
BASIC STUDIES
MAJORS AND MINORS
CURRICULA
GRADUATE PROGRAM
Degrees

Bachelor of Arts: Two curricula are offered leading to the Bachelor of Arts degree. They are designated as Curriculum II and Curriculum VII. Both are liberal arts curricula comprising fifty-two semester hours in Basic Studies and a major consisting of an intensive concentration in one subject or area of knowledge. Curriculum II also includes a program of professional education which meets the requirements for the Collegiate Professional Certificate with an endorsement to teach the subject of concentration.

Bachelor of Science: Nine curricula are offered leading to the Bachelor of Science degree. Two of these, designated as Curriculum III and Curriculum VIII are liberal arts curricula comprising fifty-two semester hours in Basic Studies and a major consisting of an intensive concentration in one subject or area of knowledge. Curriculum III also includes a program of professional education which meets the requirements for the Collegiate Professional Certificate with an endorsement to teach the subject of concentration.

The other curricula leading to the Bachelor of Science degree are specialized programs in Home Economics or in Business and Business Education. Curriculum IV (Home Economics) and Curriculum V (Business Education) meet all the general education, professional education and specialized education requirements for the Collegiate Professional Certificate. Curricula IX, X, and XI are specialized programs planned for careers in business or home economics.

Bachelor of Music Education: A course of study, designated as Curriculum VI, is offered leading to the Bachelor of Music Education degree and the Collegiate Professional Certificate endorsed for teaching music at all levels of the public schools.

Graduate Degrees: 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 105-110.
Programs of Study

Education for Teaching

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

Secondary Teaching: courses of study leading to the Bachelor of Science and Bachelor of Arts degrees and the Collegiate Professional Certificate. Students taking one of these programs must complete the requirements for a major in one of the following subject matter fields: Art, Biology, Chemistry, English, French, Geology, History, Latin, Library Science, Mathematics, Music, Physics, Physical and Health Education, Psychology, Science, Social Science, Spanish, Speech.

Business Education Teaching: a course of study leading to the Bachelor of Science 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 Bachelor of Science degree and the Collegiate Professional Certificate, which prepares students to teach vocational 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.

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 Bachelor of Arts degree, and one leading to the Bachelor of Science 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 Bachelor of Science degree in Institution Management (Dietetics).

GENERAL HOME ECONOMICS

This course of study leads to the Bachelor of Science degree in general home economics. It can prepare the student for employment in such areas as costume design, interior decoration, home economics
in business, extension service, test kitchen research, nursery school and day care centers, and for vocations in radio, television, journalism and retailing as they apply to home economics.

BUSINESS EDUCATION

The general business course leads to the Bachelor of Science degree in preparation for a career such as secretary, clerical worker, office supervisor, office manager, personnel worker, or accountant.

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.
The Program of Basic Studies

In basic studies, 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 studies 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.

Although foreign language is not a basic studies requirement at Madison College, it is strongly urged that all students considering graduate study examine carefully the necessity of equipping themselves in foreign language, inasmuch as most graduate schools require some proficiency in this area. Students who are considering graduate study in the behavioral sciences should also consider equipping themselves in statistics.

In order that students at Madison College may experience the benefits to be derived from basic studies, 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.

REQUIRED COURSES IN BASIC STUDIES

The Humanities (20)

Art (3)

English (12)
English 101-102. Reading and Composition, p. 120; and
English 233-234. Introduction to Literature, p. 120.

Music (3)

Speech (2)
Speech 200. Speech Personality Improvement, p. 141; or
Speech 250. Principles of Speech Communication, p. 141; or
Speech 359. Public Speaking, p. 142.
The Natural Sciences (20)

Biological Science (4)
Biology 110. General Biology, p. 145.

Physical Science (4)
Chemistry 101-102. General Chemistry, p. 149; or
Chemistry 110. Chemistry in the Modern World, p. 149; or
Geology 101-102. General Geology, p. 151; or
Geology 110. Fundamentals of Geology, p. 151; or
Physical Science 110. General Physical Science, p. 143; or
Physics 121-122. General Physics, p. 168; or

Mathematics (6)
Mathematics 107-108. Fundamentals of Mathematics, p. 154; or
Mathematics 125-126. Introduction to College Mathematics, p. 154; or
Mathematics 125, 140. Introduction to College Mathematics, Elementary Statistics, p. 154; or

Physical Education (4)

Physical Education. An intermediate sport and an elective.

Health (2)

The Social Sciences (12)

History (6)
History 233-234. United States History.

If the student is exempt from History 233-234 by examination, he must take two of the following courses:

History 450. United States History, 1800-1850.
History 460. Civil War and Reconstruction.
History 470. United States History, 1877-1917.
History 475. United States History Since 1917.

Social Science and/or History (6)
The student will select two of the following courses:

Social Science 210. Introduction to Economics.
Basic Studies

Social Science 120. Introduction to Geography.
Social Science 110. Introduction to Political Science.
History 255. History of Civilization to 1650.
*Social Science 139. Principles of Sociology, or
*Social Science 467. Cultural Anthropology.

EXEMPTION FROM BASIC STUDIES COURSES

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 student may use only one of the courses Social Science 139 and Social Science 467 for the Basic Studies requirement.
Majors and Minors

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**

<table>
<thead>
<tr>
<th>B.A.</th>
<th>Library Science</th>
<th>Mathematics</th>
<th>Physics</th>
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**Curriculum VII**

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Majors and Minors

Curriculum VIII
B.S. in Liberal Arts

Art
Biology
Chemistry
Communication Arts
English
French
Geology
Health
History
Latin
Mathematics
Music
Physics
Pre-Social Work
Psychology
Science
Social Science
Spanish
Speech

MINORS

Minors are not required but are available in these areas:

Curricula II and III

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

Curricula VII and VIII

Art
Biology
Chemistry
Economics
English
French
Geography
Geology
German
History
Latin
Mathematics
Music
Philosophy
Physical Education
Physics
Political Science
Psychology
General Science
Sociology
Spanish
Speech
Madison College offers the following courses of study:

**TEACHER EDUCATION PROGRAMS**

Curricula I, III, IV, and V  B.S. (Pages 77-84)
Curriculum II  B.A.  (Pages 85-86)
Curriculum VI  B.M. Ed.  Music Education (Pages 87-88)

**LIBERAL ARTS PROGRAMS**

Curriculum VII  B.A.  Liberal Arts (Pages 103-104)
Curriculum VIII  B.S.  Liberal Arts (Pages 89-92)

**MEDICAL TECHNOLOGY**

Curriculum VIIIA  B.S.  Medical Technology (Pages 93-95)

**INSTITUTION MANAGEMENT AND GENERAL HOME ECONOMICS**

Curriculum IX  B.S.  Institution Management (Pages 96-97)
Curriculum X  B.S.  General Home Economics (Pages 98-99)

**BUSINESS**

Curriculum XI  B.S.  Business (Pages 100-102)
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**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits per Semester</th>
<th>1st</th>
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<tbody>
<tr>
<td>Art 200. Art in General Culture</td>
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<tr>
<td>Eng. 101-102. Reading and Composition</td>
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<tr>
<td>Hist. 233-234. United States History</td>
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<tr>
<td>Music 200. Music in General Culture</td>
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<tr>
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**SOPHOMORE YEAR**

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<tbody>
<tr>
<td>Eng. 233-234. Introduction to Literature</td>
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<tr>
<td>Hth. 200. Personal and Community Health</td>
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<tr>
<td>History and/or Social Science Elective*</td>
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<td>L. S. 240. Library Resources for Children</td>
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<td>P. E.</td>
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<tr>
<td>Psy. 233-234. Human Growth and Development</td>
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<tr>
<td>S. S. 120. Introduction to Geography</td>
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<tr>
<td>Speech 200. Speech Personality Improvement</td>
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*One elective must be chosen from basic studies in social sciences.
### Junior Year

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<thead>
<tr>
<th>Course</th>
<th>Credits per Semester</th>
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<tbody>
<tr>
<td>Art 310. Art Activities in the Elementary School</td>
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<tr>
<td>Ed. 359. Teaching of Reading and Language</td>
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<td>3</td>
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<tr>
<td>Ed. 360. Foundations of Curriculum Development</td>
<td>3</td>
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<tr>
<td>Ed. 369. Methods and Materials in Teaching in the Elementary Grades</td>
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<tr>
<td>Math. 207. Basic Concepts of Algebra</td>
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<tr>
<td>Math. 208. Intuitive Foundations of Geometry</td>
<td>0</td>
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<td>Music Ed. 375. Music for Children</td>
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<tr>
<td>P. E. 370. Physical Education in the Elementary School</td>
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<td>Sci. 310. Science in the Elementary School</td>
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### Senior Year

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<tbody>
<tr>
<td>Ed. 470. History and Philosophy of Educational Thought</td>
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<td>Ed. 480. Directed Teaching</td>
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</table>

Required Courses, 97  
Electives, including concentration, 31  
Total, 128
CURRICULUM III

SECONDARY EDUCATION

This curriculum, which leads to the Bachelor of Science degree and the Collegiate Professional Certificate, combines a program of liberal arts and professional education for the preparation of high school teachers. It includes fifty-two semester hours in basic studies and a strong major selected from one of the following departments: Art, Biology, Chemistry, English, French, Geology, History, Latin, Library Science, Mathematics, Physical Education and Health, Physics, Science, Social Science, Spanish, and Speech.

The choice of major determines the subject which the holder of the Collegiate Professional Certificate will be certified to teach. The student is responsible for meeting specific departmental requirements in his major field—these requirements will be found in the appropriate section of the catalog.

No foreign language is required in this curriculum. If the student is considering graduate study, he should elect a foreign language inasmuch as most graduate schools require some proficiency in at least one foreign language.

FRESHMAN YEAR

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>Art 200. Art in General Culture</td>
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<td>Eng. 101-102. Reading and Composition</td>
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<tr>
<td>or Math. 125-126. Introduction to College Mathematics</td>
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<td>Music 200. Music in General Culture</td>
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SOPHOMORE YEAR

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<tr>
<td>Eng. 233-234. Introduction to Literature</td>
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<td>Hist. 233-234. United States History</td>
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### Junior Year

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### Senior Year

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<td>Ed. 470. History and Philosophy of Educational Thought</td>
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Required Courses, 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 other block consists of H. E. 470, Home Management Residence.

FRESHMAN YEAR

<table>
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<th>Credits per Semester:</th>
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<td>Eng. 101-102. Reading and Composition</td>
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SOPHOMORE YEAR

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<td>Art 240. Interior Design</td>
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<td>H. E. 210-290. Clothing Selection and Construction; Textiles</td>
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<td>Psy. 233-234. Human Growth and Development</td>
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16 16
### Junior Year

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<td>H. E. 254. Housing and Equipment</td>
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<td>H. E. 310. Tailoring Techniques</td>
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<td>or</td>
<td>H. E. 414. Flat Pattern Design and Costume Art</td>
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<td>or</td>
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<td>H. E. Ed. 303. Home Economics Education</td>
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<td>S. S. 139. Principles of Sociology</td>
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### Senior Year

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<td>Ed. 470. History and Philosophy of Educational Thought</td>
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<td>H. E. 330. Family Relations</td>
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<td>H. E. 333. Health of the Family</td>
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<td>H. E. 470. Home Management Residence</td>
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<td>H. E. Ed. 400. Vocational Home Economics</td>
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Required Courses, 118  
Restricted Electives, 6  
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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits per Semester:</th>
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<td>Bus. 100. Introduction to Business</td>
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<td>Bus. 121-122. Elementary Shorthand</td>
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<tr>
<td>Eng. 101-102. Reading and Composition</td>
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<tr>
<td>Hist. 233-234. United States History</td>
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<tr>
<td>or Math. 125-126. Introduction to College Mathematics</td>
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Students 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

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<tr>
<td>Bus. 223-224. Advanced Shorthand</td>
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<td>Bus. 233-234. Advanced Typewriting; Office Procedures</td>
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<tr>
<td>Bus. 241-242. Elementary Accounting</td>
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<td>P. E.</td>
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<tr>
<td>Psy. 233-234. Human Growth and Development</td>
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<tr>
<td>Science: Biological (See page 72)</td>
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<td>Physical (See page 72)</td>
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### Junior Year

**Credits per Semester:**

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<tr>
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<tbody>
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<td>Art 200. Art in General Culture</td>
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<td>Bus. 343-344. Intermediate Accounting</td>
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<td>Bus. 360. Office Machines</td>
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<td>Bus. Ed. 370. Methods and Materials in Teaching Basic Business</td>
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<td>Ed. 360. Foundations of Curriculum Development</td>
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<tr>
<td>Eng. 233-234. Introduction to Literature</td>
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<td>S. S. 210-240. Introduction to Economics; Economic Problems</td>
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### Senior Year

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

**Electives, 2**

**Total, 128**
Bachelor of Arts

CURRICULUM II
SECONDARY EDUCATION

This curriculum, which leads to the Bachelor of Arts degree and the Collegiate Professional Certificate, combines a program of liberal arts and professional education for the preparation of high school teachers. It includes fifty-two semester hours in basic studies and a strong major selected from one of the following departments: Art, Biology, Chemistry, English, French, Geology, History, Latin, Library Science, Mathematics, Physics, Psychology, Science, Social Science, Spanish, and Speech.

The choice of major determines the subject which the holder of the Collegiate Professional Certificate will be certified to teach. The student is responsible for meeting specific departmental requirements in his major field—these requirements will be found in the appropriate section of the catalog.

FRESHMAN YEAR

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Art 200. Art in General Culture</td>
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<td>Eng. 101-102. Reading and Composition</td>
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<td>Foreign Language</td>
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<tr>
<td>Hist. 233-234. United States History</td>
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<tr>
<td>or Math. 125-126. Introduction to College Mathematics</td>
<td>3</td>
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<td>Music 200. Music in General Culture</td>
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<td>P. E</td>
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SOPHOMORE YEAR

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<tr>
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### JUNIOR YEAR

**Credits per Semester:**

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<td>Hth. 200. Personal and Community Health</td>
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<td>History and/or Social Science</td>
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<td>Speech 200. Speech Personality Improvement</td>
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### SENIOR YEAR

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**Required Courses, 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.

Freshmen Year

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<td>Eng. 101-102. Reading and Composition</td>
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<td>Hist. 233-234. United States History</td>
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<td>Music 105. Instrumental Music (Percussion)</td>
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<td>Music 141-142. Theory I</td>
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<td>Music 200. Music in General Culture</td>
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### Sophomore Year

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<td>Eng. 233-234. Introduction to Literature</td>
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<tr>
<td>Math. 107-108. Fundamentals of Mathematics or Math. 125-126.</td>
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<td>Music 207-307 or Music 305-306. Instrumental Music (Brass and Woodwind)</td>
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<td>Music 241-242. Theory II</td>
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<tr>
<td>Psy. 233-234. Human Growth and Development</td>
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Total: 17 18

### Junior Year

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<td>Music 327-328. Conducting</td>
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<td>Music 345-346, or 347-348, or 355-356, or Music 340 and Lang. Dict.</td>
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<td>Music 365-366. Music History</td>
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<td>Music Ed. 375. Music for Children</td>
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<td>Physical (See page 72)</td>
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<td>Ensemble Elective</td>
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Total: 17 17

### Senior Year

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<tr>
<td>Ed. 470. History and Philosophy of Educational Thought</td>
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<td>Ed. 480. Directed Teaching</td>
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<td>Hth. 200. Personal and Community Health</td>
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<tr>
<td>History and/or Social Science to total twelve semester hours of Social Sciences (See pages 72-73)</td>
<td></td>
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</tr>
<tr>
<td>Music Ed. 376. Music for Youth</td>
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<td>Ensemble Elective</td>
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<td>Applied Music Electives</td>
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</table>

Total: 14 15

Required Courses, 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 75.

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.

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

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.
### Freshman Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits per Semester</th>
<th>1st</th>
<th>2nd</th>
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</thead>
<tbody>
<tr>
<td>Bio. 110-120. General Biology</td>
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<tr>
<td>Eng. 101-102. Reading and Composition</td>
<td></td>
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<tr>
<td>Hth. 200. Personal and Community Health</td>
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<tr>
<td>Math. 125-126. Introduction to College Mathematics</td>
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<tr>
<td>Physical Science (See page 72)</td>
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<td>Speech 200. Speech Personality Improvement</td>
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### Sophomore Year

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<tbody>
<tr>
<td>Art 200. Art in General Culture</td>
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<td>Music 200. Music in General Culture</td>
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<tr>
<td>Eng. 233-234. Introduction to Literature</td>
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<td>P. E.</td>
<td></td>
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<tr>
<td>Psy. 231-232. General Psychology</td>
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<td>Electives</td>
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### Junior Year

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<tbody>
<tr>
<td>Hist. 233-234. United States History</td>
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<td>3</td>
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<tr>
<td>Phil. 240. Introduction to Philosophy, and an advanced elective</td>
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<td>Science Elective</td>
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### Senior Year

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<th>Credits per Semester</th>
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<tbody>
<tr>
<td>History and/or Social Science to total twelve semester hours of Social Sciences (See pages 72-73)</td>
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<tr>
<td>Electives</td>
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Required Courses, 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 basic studies 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

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits per Semester:</th>
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<tbody>
<tr>
<td>Bio. 110-120</td>
<td>General Biology</td>
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<td>Eng. 101-102</td>
<td>Reading and Composition</td>
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<td>S. S. 139</td>
<td>Principles of Sociology</td>
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<td>S. S. 250</td>
<td>Social Problems</td>
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SOPHOMORE YEAR

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<tbody>
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<td>Eng. 233-234</td>
<td>Introduction to Literature</td>
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<td>Hist. 233-234</td>
<td>United States History</td>
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<td>Math. 125-126</td>
<td>Introduction to College Mathematics</td>
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<td>P. E. 285</td>
<td>Community Recreation</td>
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<td>Psy. 231-232</td>
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### Junior Year

<table>
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<td>Hth. 314. Introduction to Public Health</td>
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<td>H. E. 330. Family Relations</td>
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<td>Mus. 200. Music in General Culture</td>
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<td>Phil. 240. Introduction to Philosophy, and an advanced elective</td>
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<td>Psy. 357. Psychology of Personality</td>
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<td>Psy. 358. Abnormal Psychology</td>
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<td>Psy. 487. Social Psychology</td>
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<td>S. S. 387. Social Welfare</td>
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<tr>
<td>Electives</td>
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| Total                           | 16      | 16  |     |

### Senior Year

<table>
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<tr>
<th>Course</th>
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<tr>
<td>Psy. 488. Mental Tests and Measurements</td>
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<td>Electives totaling ten semester hours in courses appropriate to the Social Work Program</td>
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<td>Science (4 must be a Physical Science; Biology recommended for the other 4)</td>
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<td>Electives</td>
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</table>

| Total                           | 16      | 16  |     |

Required Courses, 98

Restrictive Electives, 10

Free Electives, 20

Total, 128
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

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits per Semester</th>
<th>1st</th>
<th>2nd</th>
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<tbody>
<tr>
<td>Biol. 110-120. General Biology</td>
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<td>4</td>
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<tr>
<td>Chem. 101-102. General Chemistry</td>
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<tr>
<td>Eng. 101-102. Reading and Composition</td>
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<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Math. 125-126. Introduction to College Mathematics</td>
<td></td>
<td>3</td>
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</tr>
<tr>
<td>P. E.</td>
<td></td>
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<tr>
<td>Electives</td>
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### Sophomore Year

<table>
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<tr>
<th>Course</th>
<th>Credits per Semester</th>
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<th>2nd</th>
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</thead>
<tbody>
<tr>
<td>Bio. 270. Human Physiology</td>
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<tr>
<td>Bio. 280. Bacteriology</td>
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<td>Chem. 237. Organic Chemistry</td>
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<td>Chem. 238. Biochemistry</td>
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<tr>
<td>Eng. 233-234. Introduction to Literature</td>
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<tr>
<td>Hist. 233-234. United States History</td>
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<tr>
<td>P. E.</td>
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<tr>
<td>Psy. 231-232. General Psychology</td>
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### Junior Year

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<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Art 200. Art in General Culture</td>
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<td>Chem. 356. Quantitative Analysis</td>
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<td>Hth. 200. Personal and Community Health</td>
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<tr>
<td>History and/or Social Science to total twelve semester hours of Social Sciences (See pages 72-73)</td>
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<tr>
<td>Music 200. Music in General Culture</td>
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<td>Phil. 240. Introduction to Philosophy, and an advanced elective</td>
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<th></th>
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Required Courses, 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 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

<table>
<thead>
<tr>
<th>Subject</th>
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<tbody>
<tr>
<td>Bio. 110-120. General Biology</td>
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<tr>
<td>Chem. 101-102. General Chemistry</td>
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<td>Eng. 101-102. Reading and Composition</td>
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</tr>
<tr>
<td>Hth. 200. Personal and Community Health</td>
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</tr>
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<td>Hist. 233-234. United States History</td>
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### SOPHOMORE YEAR

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<th>Subject</th>
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<tbody>
<tr>
<td>Bio. 270. Human Physiology</td>
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<td>Bio. 280. Bacteriology</td>
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<td>Bio. 290. Anatomy</td>
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<td>Eng. 233-234. Introduction to Literature</td>
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<td>H. E. 180. Elementary Nutrition</td>
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<tr>
<td>Psy. 231-232. General Psychology</td>
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<tr>
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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 generous 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 lunchrooms, 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 other block consists of H. E. 470, Home Management Residence.

FRESHMAN YEAR

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<thead>
<tr>
<th>Credits per Semester:</th>
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<tbody>
<tr>
<td>Bio. 110. General Biological Science</td>
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<td>H. E. 153. The Contemporary Family</td>
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<td>H. E. 140-180. Foods; Elementary Nutrition</td>
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SOPHOMORE YEAR

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<td>Chem. 237. Organic Chemistry</td>
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<td>Chem. 238. Biochemistry</td>
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<td>Eng. 233-234. Introduction to Literature</td>
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<tr>
<td>or Math. 125-126. Introduction to College Mathematics</td>
<td>3</td>
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<td>P. E.</td>
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<tr>
<td>Psy. 233-234. Human Growth and Development</td>
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## Curriculum IX

### Junior Year

**Credit per Semester:**

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Hist. 233-234. United States History</td>
<td>3</td>
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<tr>
<td>H. Ec. 254. Housing and Equipment</td>
<td>0</td>
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<td>H. E. 300. Child Development</td>
<td>3</td>
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<td>H. E. 320. Consumer Economics</td>
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<tr>
<td>H. E. 380. Advanced Nutrition</td>
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<td>3</td>
</tr>
<tr>
<td>or H. E. 443. Experimental Foods</td>
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<tr>
<td>or H. E. 444. Advanced Foods</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>Music 200. Music in General Culture</td>
<td>3</td>
<td>0</td>
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<tr>
<td>S. S. 139. Principles of Sociology</td>
<td>0</td>
<td>3</td>
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<tr>
<td>S. S. 210. Principles of Economics</td>
<td>3</td>
<td>0</td>
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<td>Speech 200. Speech Personality Improvement</td>
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### Senior Year

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<tr>
<td>Art 200. Art in General Culture</td>
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<td>Bus. 489. Personnel Administration</td>
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<td>Hrh. 200. Personal and Community Health</td>
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<td>H. E. 330. Family Relations</td>
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<td>H. E. 463. Institution Equipment</td>
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<td>H. E. 465. Institution Organization</td>
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<td>H. E. 467. Directed Institution Management</td>
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<td>H. E. 470. Home Management Residence</td>
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<td>H. E. 484. Diet Therapy</td>
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Required Courses, 122

Restricted Electives, 3

Total, 128

Electives, 3
CURRICULUM X

GENERAL HOME ECONOMICS

This curriculum is planned to give flexibility in electing concentrations in the various fields of home economics. The student will be given special assistance in planning courses which will prepare him for employment in such areas as costume design, interior decoration, home economics in business, extension service, test kitchen research, nursery school and day care centers, and for vocations in radio, television, journalism and retailing as they apply to home economics.

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

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<thead>
<tr>
<th>Credits per Semester:</th>
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<tbody>
<tr>
<td>Eng. 101-102. Reading and Composition</td>
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<tr>
<td>H. E. 133. The Contemporary Family</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>H. E. 180. Elementary Nutrition</td>
<td>0</td>
<td>3</td>
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<tr>
<td>or Math. 125-126. Introduction to College Mathematics</td>
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<td>P. E.</td>
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<tr>
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SOPHOMORE YEAR

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<td>Art 240. Interior Design</td>
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<td>Eng. 233-234. Introduction to Literature</td>
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<td>H. E. 140. Foods</td>
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<td>H. E. 210-290. Clothing Construction; Textiles</td>
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<tr>
<td>Phys. 140. Household Physics</td>
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<td>Psy. 231-232. General Psychology, or (See course description of Psy. 233-234, page 200)</td>
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### Junior Year

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<thead>
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<th>Course</th>
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<tbody>
<tr>
<td>IHth. 200. Personal and Community Health</td>
<td>0 2</td>
</tr>
<tr>
<td>Hist. 233-234. United States History</td>
<td>3 3</td>
</tr>
<tr>
<td>H. E. 254. Housing and Equipment</td>
<td>3 0</td>
</tr>
<tr>
<td>H. E. 300. Child Development</td>
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<td>H. E. 320. Consumer Economics</td>
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<td>H. E. 330. Family Relations</td>
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<tr>
<td>Music 200. Music in General Culture</td>
<td>3 0</td>
</tr>
<tr>
<td>Speech 200. Speech Personality Improvement</td>
<td>0 2</td>
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<td>Electives</td>
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### Senior Year

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>H. E. 470. Home Management Residence</td>
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<tr>
<td>Home Economics Electives</td>
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<td>S. S. 139. Principles of Sociology</td>
<td>0 3</td>
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<tr>
<td>S. S. 210. Introduction to Economics</td>
<td>3 0</td>
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<td>Electives</td>
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</table>

- Required Courses, 95
- Restricted Electives, 9
- Free Electives, 24
- Total, 128
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

<table>
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<tr>
<th>Credits per Semester:</th>
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<tbody>
<tr>
<td>Bus. 100. Introduction to Business</td>
<td>3</td>
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<tr>
<td>Bus. 121-122. Elementary Shorthand</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Eng. 101-102. Reading and Composition</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Hist. 233-234. United States History</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>
  or
  Math. 125-126. Introduction to College Mathematics | 3   | 3   |
| P. E. | 1   | 1   |
| Electives¹ | —   | —   |

16  16

SOPHOMORE YEAR

<table>
<thead>
<tr>
<th>Credits per Semester:</th>
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<th>2nd</th>
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<tbody>
<tr>
<td>Art 200. Art in General Culture</td>
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<tr>
<td>Bus. 223-224. Advanced Shorthand</td>
<td>3</td>
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<tr>
<td>Bus. 233-234. Advanced Typewriting; Office Procedure</td>
<td>2</td>
<td>2</td>
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<tr>
<td>Bus. 241-242. Elementary Accounting</td>
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</tr>
<tr>
<td>P. E.</td>
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<td>1</td>
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<tr>
<td>Science: Biological (See page 72)</td>
<td>4</td>
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</tr>
<tr>
<td>Physical (See page 72)</td>
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<tr>
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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.
Curriculum XI

JUNIOR YEAR

Credits per Semester: 1st 2nd

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
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<td>Bus. 330. Business Correspondence</td>
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<td>Bus. 340. Data Processing for Business</td>
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<tr>
<td>Bus. 343-344. Intermediate Accounting</td>
<td>3</td>
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<tr>
<td>Eng. 233-234. Introduction to Literature</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Hth. 200. Personal and Community Health</td>
<td>2</td>
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<tr>
<td>Music 200. Music in General Culture</td>
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<td>Psy. 231-232. General Psychology</td>
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SENIOR YEAR

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

PLAN II—BUSINESS ADMINISTRATION WITH ACCOUNTING BACKGROUND

FRESHMAN YEAR

Credits per Semester: 1st 2nd

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<tr>
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<tr>
<td>Art 200. Art in General Culture</td>
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<tr>
<td>Bus. 100. Introduction to Business</td>
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<tr>
<td>Bus. 131-132. Elementary and Intermediate Typewriting</td>
<td>2</td>
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<tr>
<td>Bus. 241-242. Elementary Accounting</td>
<td>3</td>
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<tr>
<td>Eng. 101-102. Reading and Composition</td>
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<tr>
<td>or Math. 125-126. Introduction to College Mathematics</td>
<td>3</td>
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<tr>
<td>P. E.</td>
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<td>Electives</td>
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### Sophomore Year

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<td>Bus. 343-344. Intermediate Accounting</td>
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<td>Hist. 233-234. United States History</td>
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<tr>
<td>Mus. 200. Music in General Culture</td>
<td>0 3</td>
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<tr>
<td>Psy. 231-232. General Psychology</td>
<td>3 3</td>
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<tr>
<td>Science: Biological (See page 72)</td>
<td>4 0</td>
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<tr>
<td>Physical (See page 72)</td>
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<tr>
<td>Speech 200. Speech Personality Improvement</td>
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**Electives**  

Total: 16 16

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### Junior Year

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

Total: 16 16

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### Senior Year

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<tr>
<td>Bus. 340. Data Processing for Business</td>
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<td>Bus. 445-446. Advanced Accounting</td>
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<td>Bus. 488. Money and Banking</td>
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<tr>
<td>Bus. 489-496. Personnel Administration or Salesmanship</td>
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<tr>
<td>Bus. 495. Business Law</td>
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</table>

**Electives**  

Total: 16 16

Required Courses, 110  
Electives, 18  
Total, 128
Curriculum VII

Bachelor of Arts

Liberal Arts

This curriculum in liberal arts 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 74.

Subject to the approval of the Adviser and the Dean of the College, not more than twelve 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 twelve 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

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<tr>
<th>Credits per Semester:</th>
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<td>Art 200. Art in General Culture</td>
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<tr>
<td>Eng. 101-102. Reading and Composition</td>
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<tr>
<td>Foreign Language (French, German, Latin, Spanish)</td>
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<tr>
<td>Math. 125-126. Introduction to College Mathematics</td>
<td>3</td>
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<tr>
<td>Music 200. Music in General Culture</td>
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SOPHOMORE YEAR

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<td>Foreign Language</td>
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<tr>
<td>Psy. 231-232. General Psychology</td>
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<tr>
<td>Science: Biological and/or Physical (See Page 72)</td>
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### JUNIOR YEAR

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<tr>
<td>Hth. 200. Personal and Community Health</td>
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<tr>
<td>Hist. 233-234. United States History</td>
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<tr>
<td>Second Science (See page 72)</td>
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### SENIOR YEAR

History and/or Social Science to total twelve semester hours of Social Sciences (See pages 72-73)...

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Phil. 240. Introduction to Philosophy, and an advanced elective.</td>
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<td>Electives</td>
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Required Courses, 86   Major, or Electives, 42   Total, 128
The Graduate Program of Madison College

HISTORY

In the summer of 1951 Madison College began offering graduate courses through a cooperative arrangement with the School of Education of the University of Virginia.

The Graduate School at Madison College was formally established in 1954 when the College was authorized by the State Board of Education to offer curricula leading to the degrees of Master of Arts in Education and Master of Science in Education. The graduate program at Madison was approved by the Southern Association of Schools and Colleges in the same year. On October 31, 1960, the State Board of Education authorized the College to offer curricula leading to the Master of Science degree, which was also approved by the Southern Association of Schools and Colleges.

The first Master’s degrees were conferred in June, 1956.

PURPOSE

The graduate program was inaugurated at Madison to offer to the teachers of the Commonwealth of Virginia the opportunity to improve their competency as teachers in three ways:

1. Acquiring further knowledge and understanding in the subjects which they are teaching.

2. Increasing their professional growth through further study in professional education.

3. Developing their powers of independent thought and becoming familiar with the discipline of research.

Fulfilling this purpose of the graduate program continues to be the major function of the graduate school. At the same time the courses offered afford students who are not teachers an opportunity to pursue advanced study and research in their chosen fields of study.

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.

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

GRADUATE COURSES IN SUMMER SESSIONS

Two graduate sessions are offered at Madison College during the summer session. The Intersession is a three-week term in which a student may earn three semester hours credit. The regular graduate session is the Six-Week Session in which a student may earn six semester hours of graduate credit. For information concerning the courses offered in the summer session, see the summer session bulletin.

Courses offered during the Intersession have fifteen class meetings of two hours and forty minutes each. Graduate courses taught during the Six-Week Session meet for one hour and twenty minutes, five days a week. By attending both the Intersession and the Six-Week Session a student may earn a total of nine semester hours of credit.

GRADUATE COURSES IN THE REGULAR SESSION

During the regular session graduate courses are offered only in the evening. The classes meet sixteen sessions per semester for two hours and forty minutes each and carry three semester hours of credit. For information concerning the evening courses offered in the regular session, see the evening school brochure.

A student who is working full time may not take more than three semester hours of work during any semester.

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.
ADMISSION TO GRADUATE STUDY

A student may be admitted to graduate study under three classifications, unconditional admission, unclassified admission, and transient admission. Admission to graduate study does not imply admission to candidacy.

Unconditional 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.

2. The applicant must file an application for admission to graduate study with the Dean of the College. A form for this purpose may be obtained from the Office of the Dean. It should be completed and returned at least thirty days before the opening of the term in which the applicant wishes to enroll.

3. Each applicant must also submit an official transcript of his undergraduate record and of any graduate work completed.

4. The applicant’s record must be approved by the Graduate Council.

5. The applicant must be accepted by the department in which he wishes to major and minor. 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 Dean of the College. Such courses, if required, do not count for graduate credit.

Unclassified Admission to Graduate Study. A student may be admitted to unclassified status as a graduate student if he satisfies conditions one through four under Unconditional Admission. This may include those students who wish to pursue graduate work with no intention of qualifying for a degree at Madison College and those students who have some deficiency in their chosen major or minor field.

If a student at a later time wishes to change his admission status from Unclassified to Unconditional he must satisfy step 5 under Unconditional Admission and send his request to the Dean of the College. Any graduate credit allowed on a degree program for courses taken while on unclassified status will be decided at that time by the Dean and the departments concerned.

Transient Admission. A student may be admitted to graduate study on a transient status if he has been admitted to the graduate school of an accredited college or university and desires only to earn credit for transfer to that institution. Admission is granted upon receiving a request from the student supported by a letter from the Dean of his graduate school stating that the applicant is a graduate student in good standing and has permission to take the course or courses for transfer to his institution.
DEGREE REQUIREMENTS

Major and Minor Requirements. All curricula leading to the degrees Master of Arts in Education and Master of Science in Education require work in a subject-matter field and in professional education. If the major is chosen in a subject-matter field, then the minor must be in education. If the major is education, then the minor must be taken in a subject-matter area. This means that the student must complete (a) a major consisting of twenty-one semester hours of graduate credit in a subject-matter field and a minor consisting of nine semester hours in education or (b) a major consisting of eighteen semester hours credit in education and a minor consisting of twelve semester hours in a subject-matter field. Students who are majoring in professional education and whose special interest is in elementary education may complete for a minor six semester hours in each of two related subject-matter fields with the approval of the Graduate Council.

A major is offered in biology, business education, chemistry, education, English, history, mathematics, music, and social science. A minor may be taken in each of the departments offering majors and also in art, home economics, and science. The program of study leading to the Master of Arts in Education must include a major or minor in one of the departments: art, English, history, music, social science. For the Master of Science in Education the program of study must include a major or minor in one of the departments: biology, chemistry, mathematics, science.

The Master of Science degree is available to students majoring in one of the sciences or in mathematics. At the present time biology and mathematics are the only areas in which a student may major in working for this degree. No minor is required. The candidate for the Master of Science degree must complete thirty semester hours of graduate credit, twenty-four of which must be in his major field, biology or mathematics. Six semester hours of electives are permitted upon approval of the candidate’s Advisory Committee.

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.
Only nine semester hours of graduate credit earned at Madison prior to Admission to Candidacy may be credited towards the Master's degree. The remainder of the course requirements must be completed after Admission to Candidacy except for possible transfer courses.

**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.

**Course Level Requirements.** One-half of the credit submitted for the Master's degree shall be in courses designated as exclusively for graduate students, i.e., courses numbered 600 or above. 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.

**Teaching Certificate.** 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.

**Thesis.** 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. Six semester hours credit in the major field is allowed for a thesis. 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.

For the Master of Science Degree with a major in biology the thesis is a requirement. In all other cases writing a thesis is an option which may be elected by the candidate.

If the candidate submits a thesis in partial fulfillment of the requirement for the Master's degree, he must complete the steps as outlined on the following page.
1. Choose a subject and prepare an outline under the guidance of his Advisory Committee.

2. 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.

3. The thesis should be prepared according to the format as given by W. G. Campbell’s *Form and Style in Thesis Writing* and must be completed sixty days before the time of graduation.

4. 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.

5. An abstract of the thesis of not more than six hundred words is required.

**Examination.** 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.

**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.

A student who has been admitted to candidacy for a Master’s degree is automatically placed on probation if he receives a grade of “C” in any two courses. Probation is a warning that achievement is not satisfactory. A student will be dropped from candidacy for the Master’s degree if he receives an “F” on any graduate course or if he receives the grade of “C” on three graduate courses.

A student who has been dropped from candidacy may, if he wishes, continue to take graduate courses but for post-baccalaureate credit only.

**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.
CREDITS BY TRANSFER

A maximum of 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 for transfer to Madison College must be obtained from the Dean of the College prior to enrolling in the course.

No transfer credit will be allowed for courses taken on the graduate level if previously used as credit toward another 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.
PART 5

The Divisions, the Departments and Courses of Instruction

COURSE NUMBERS

Courses whose numbers end in 1-2 and 3-4 are known as 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.

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

Students may take as electives only those courses which are planned for students not more than one year removed from them in classification.
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 and Literature, General Philosophy; Foreign Languages; Music; and Speech.

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, Home Economics, Library Science, and Social Science.

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, Mr. Thomas, and Mr. Waters

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.

Studio experience with a variety of media, emphasizing clay, metal, and woven fibers. Numerous other media may be explored. Effective design and basic techniques will be stressed.

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.

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.

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

Oil painting for students who have had some experience in drawing and design. Registration by permission of the instructor.

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.

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.

ART 224. *Advanced Crafts.* 2nd semester; 3 triple periods a week; 3 credits.

A continuation of Art 123 with further investigation and concentration on at least two specific crafts. Prerequisites: Art 123, Art 143, Art 200.

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

Problems in three-dimensional form using traditional and modern techniques. Processes of modeling in clay, mold making, casting, carving in wood and stone, and welded metal sculpture are explored. Prerequisites: Art 143, Art 200.
Art 240. Interior Design. Offered each semester; 2 single and 1 double period a week; 3 credits.

A creative approach to furnishing living quarters with emphasis on function, character and nature of materials. Survey of furniture periods with architectural setting; emphasis on the contemporary. Prerequisite: Art 200.

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

A continuation of Art 143 emphasizing design as it applies to painting and allied two-dimensional art forms. Significant art works will be analyzed according to design principles. Prerequisites: Art 143, Art 150.

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

A continuation of Art 150 with emphasis on composition, life drawing, and the expressive possibilities of a variety of media including ink, pencil, conte, charcoal, and experimental materials. 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 the respective Renaissance periods.

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 art techniques suitable to nursery school through grade 6. Prerequisites: Art 200, Psy. 233-234.

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

Problems in the teaching and administration of art programs on the secondary level. Prerequisites: Twelve semester hours of Art; Psy. 233-234.

Art 333. Ceramics. 1st semester; 3 double periods a week; 3 credits.

Studio practice in forming, firing, and glazing ceramic ware. Wheel-thrown pottery will be emphasized. Fundamentals of glaze composition will be given in lectures. Prerequisites: Art 143, Art 200.
ART 345. Advertising Art and Illustration. 1st semester; 1 single and 2 double periods a week; 3 credits.

Practice in lettering forms, advertising layout, and illustration. Design problems related to trademarks, covers, and package design. Experience with tools such as the airbrush and ruling pen. Types of visual communication and commercial printing techniques are studied. Prerequisites: Art 143, Art 150, Art 200.

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

Studio practice in the hand processes of color woodcut, metal engraving, etching, aquatint, and serigraphy (silk screen). Lithographic techniques and the work of famous printmakers are studied. 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. 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.

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

Oil painting and other media with creative and esthetic considerations of picture structure. 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. Prerequisite: Art 460.

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

Seminar readings and discussions in the persistent philosophical problems of the arts, centering on consideration of the work of art, the artist, and the audience.

ART 490. Independent Problems. Offered each semester; 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.
English Language and Literature

Mr. Locke, Head of the Department

Miss Brill, Mr. Curtis, Mrs. Hite, Mrs. Ikenberry, Mr. Lacy, Mr. Leigh, Mr. Loy, Mr. Mahler, Miss Martin, Mr. McMurray, Mr. McNallie, Mrs. Sawhill, Mrs. Shafer, Miss Steed, Mrs. Swink, Miss Trent, and Mrs. Wilkins.

Major: Thirty semester hours beyond the Basic Studies requirements (Eng. 101-102, 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: Twelve semester hours in Basic Studies: (Eng. 101-102, 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 18. (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. Speech 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. 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.

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.

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.

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.

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. 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.
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.

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.

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.

ENGLISH 330. Imaginative Writing. 1st semester; 3 periods a week; 3 credits.

Intensive exercises in the writing of lyric poems or the short story. Attention to selected examples of the genres by contemporary authors.

ENGLISH 340. Romantic Poetry. 1st or 2nd semester; 3 periods a week; 3 credits.

A study of English Literature from 1770 to 1832, with chief emphasis upon the Pre-Romantic Poets, Wordsworth, Coleridge, Shelley, Keats, and Byron. Attention is given to critical theories, intellectual and cultural movements, and poetic forms.

ENGLISH 350. Victorian Literature. 1st or 2nd semester; 3 periods a week; 3 credits.

A conspectus of life during the Victorian Age in England as revealed through its literature, omitting the novel.

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. 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. 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.

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. *Prerequisite: English 235-236.*

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.

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 linguistic changes and other major factors that influenced the development of English phonology, morphology, syntax, and vocabulary.

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

A study of fiction, chiefly British and American, since 1900. *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. *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.
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. Offered alternate years.

ENGLISH 430. Modern English Linguistics. 1st or 2nd semester; 3 periods a week; 3 credits.

The basic assumptions of modern linguistics are examined and applied to the analysis of various classes of English sentences. The study proceeds from the phoneme to the morpheme to syntactic cuts and structures. Specific topics include immediate-constituent analysis, form classes, and structural types. Recent findings in the generative-transformational grammars are also studied and applied.

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.)

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.

Biblical Literature 306. New Testament. 2nd semester; 3 periods a week; 3 credits.

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.

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

A critical examination of the formal principles of sound reasoning.

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. *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. *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. *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. *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. SPAHJAVA, MR. STEWART, AND MRS. YANCY

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 courses 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; 3 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.

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. Prerequisite: One year of college French or its equivalent.
FRENCH 250. *Conversation 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 Fr. 305.) Prerequisite: Fr. 231 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. Prerequisite: Fr. 250 (offered formerly as Fr. 305.)

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. Prerequisite: Fr. 250 (offered formerly as Fr. 305.)

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. Prerequisite: Fr. 250 (offered formerly as Fr. 305.)

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. Prerequisite: Three years of college French or its equivalent. Offered in alternate years, not offered in 1966-67.

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. Prerequisite: Three years of college French or its equivalent. Offered in alternate years, not offered in 1966-67.
French and German

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. **Prerequisite:** Three years of college French or its equivalent.

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. **Prerequisite:** Three years of college French or its equivalent.

French 436. *Survey of Literature.* 3 periods a week; 3 credits.

Selected reading course on various periods of French literature suited to meet the needs of students enrolled. Instruction is in French. **Prerequisite:** Three years of college French or its equivalent.

German

German 101-102. *Elementary German.* 1st and 2nd semesters; 3 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.

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 everyday topics. Outside readings. **Prerequisite:** One year of College German or its equivalent.

German 305. *Conversation 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. **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. 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. Offered in alternate years, not offered in 1966-67.

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. Offered in alternate years, not offered in 1966-67.

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.

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. 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. **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 compositions the public and private life of the Romans. **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. **Prerequisite:** Three years of college Latin or its equivalent.

**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. **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.

**Russian**

**Russian 101-102. Elementary Russian.** 1st and 2nd semesters; 3 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.

**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. **Prerequisite:** One year of college Russian or its equivalent.
SPANISH

SPANISH 101-102. Elementary Spanish. 1st and 2nd semesters; 3 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.

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. Prerequisite: One year of college Spanish or its equivalent.

SPANISH 250. Conversation 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 305.) Prerequisite: Spanish 231 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. Prerequisite: Sp. 250 (offered formerly as Sp. 305).

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. Prerequisite: Sp. 250 (offered formerly as Sp. 305).

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. 250 (offered formerly as Sp. 305).
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. 250 (offered formerly as Sp. 305). Offered in alternate years, not offered in 1966-67.

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. Prerequisite: Three years of college Spanish or its equivalent.

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. Prerequisite: Three years of college Spanish or its equivalent.

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. Prerequisite: Three years of college Spanish or its equivalent. Offered in alternate years, not offered in 1966-67.

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. Prerequisite: Three years of college Spanish or its equivalent. Offered in alternate years, not offered in 1966-67.
DEPARTMENTAL COURSE

FOREIGN LANGUAGE 350. Teaching of Foreign Languages. 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, audiovisual 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.

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. KURTZ, MR. LEFLAND, MR. LYON, MR. MARSHALL, MISS SCHNEIDER, MISS SHAW, MR. SHAY, MR. WATKINS, 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 87-88) 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 background 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 special achievement, to give a joint recital during the senior year. Any music major who demonstrates outstanding performance may qualify for an "Honors" recital, a full recital program given in the senior year, provided he entered Madison College not later than the beginning of the junior 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.

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.

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.

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,

Music 1

Music students may also participate in the College Honors Program, which recognizes phases of excellences other than musical performance. See page 61.
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.

**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.

**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.

**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. 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.

**MUSIC 310. Language Diction.** 2nd semester; 2 periods a week; 2 credits.

A single semester course limited to pronunciation. The course is designed for voice majors who have little or no background in foreign languages but who need knowledge of pronunciation for the study and performance of vocal and choral literature. Study will emphasize French and German, and will involve practice in the language laboratory. (Offered in 1966-67 and alternate years thereafter.)
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.

MUSIC 340. Choral Arranging. 1st semester; 2 periods a week; 2 credits.

Study and practice of arranging music for chorus, with special em-
phasis on characteristics of high school choral groups. Prerequisites:

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 counter-
point. Elementary imitative techniques. Form analysis. 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. 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. 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. 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.
Music

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.

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.

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.

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.

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.
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 205 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.

**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.

**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.
PIANO

*B.M.Ed. 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.Ed. 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.Ed. 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.Ed. Program, minimum requirements:* Scales and arpeggios, 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.Ed. Program, minimum requirements:* Embouchure and tone development; techniques applicable to the instrument; scales and arpeggios, 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 en-
semble 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.

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.

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.

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.

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.

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.
Courses in the department are open to all students. Speech 200 or Speech 250, or Speech 359 may be used to satisfy the Basic Studies requirements.

A major or minor may be obtained in the Liberal Arts or Teaching Curricula. The major will include 32 semester hours subject to the approval of the head of the department. The minor will include 18 semester hours subject to the approval of the head of the department.

Students in Curriculum I may choose departmental courses for their concentration area; with departmental guidance, concentrations in Speech-Reading and Speech-English may be obtained by taking certain courses in the Education and English Departments.

Speech 200. **Speech Personality Improvement.** Offered each semester; 2 periods a week; 2 credits.

This course focuses upon the importance of voice and diction with special attention to individual needs in speech activities by means of criticism and practice in oral communication situations.

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. **Prerequisite:** Speech 200, or equivalent.

Speech 250. **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 350.)

Speech 265. **Argumentation and Debate.** 1st semester; 3 periods a week; 3 credits.

This course introduces the student to the principles of argumentation and style in their application to the various forms of formal debate and provides practice in the conventional debate form on the current national inter-collegiate debate resolution.

Speech 320. **Modern Drama.** Offered each 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 326.) **Offered alternate years.**
**Speech and Drama**

**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.

**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.

**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.

**Speech 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 375-376.)

**Speech 410. Speech Correction.** Offered each semester; 3 periods a week; 3 credits.
An introduction of 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 formerly offered as Speech 370.)

**Speech 480. 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 480 or Ed. 480A. Prerequisite: Speech 410 or approval of instructor. (This course was formerly offered as Speech 400.)

**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.
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, Geology, or Physics may be counted toward the 48 required hours of this major.


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 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.
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.

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.
Biology

Mr. Mengebier, Head of the Department

Mr. Bodkin, Mr. Ferry, Mr. Fisher, Mrs. Gordon, Mr. Graves, Mr. Grimm, Miss Jenkins, Mr. W. Jones, Mr. Klenner, Mrs. Ogle, Miss Phillips and Miss Pleasants

The minimum requirement for a major in biology is thirty semester hours beyond the Basic Studies 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 biology must earn two credits in Science 490 and 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.

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. Prerequisite: Bio. 110.
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. Prerequisite: Bio. 110-120.

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. Prerequisite: Bio. 110.

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. Prerequisite: Bio. 110.

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. Prerequisite: Bio. 110.

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. Prerequisite: Bio. 110-120.

Geology 335. Paleontology. 1st semester; 1 double and 2 single periods a week; 3 credits.

The fossil history of invertebrate animals is emphasized. The principles of taxonomy and evolution are considered. Protista through Bryozoa (Ectoprocta). Prerequisite: Bio. 110-120. (This course was formerly offered as Biology 366.)
Biology 147

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. 
Prerequisites: Bio. 110-120.

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. Prerequisite: Bio. 110-120.

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. Prerequisite: Bio. 110-120.

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. Prerequisite: Bio. 110-120.

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. Prerequisite: Bio. 110-120.

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. Prerequisite: Bio. 110-120.
BIOLOGY 404. *Evolution.* 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. *Prerequisite: Bio. 110-120.*

BIOLOGY 406. *Introduction to Plant Physiology.* 2nd semester; 1 lecture and 2 laboratory periods a week; 3 credits.


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. *Prerequisite: Bio. 110-120.*

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. *Prerequisite: Bio. 110-120.*

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.

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. *Prerequisite: Chem. 235-236.*

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.
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. Students planning to teach chemistry must earn two credits in Science 490 and meet the State and College requirements in professional education.

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.

**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.

**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. **Prerequisite: Chem. 101-102.**

**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. **Prerequisite: Chem. 235.**
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. **Prerequisite:** Chem. 101-102.

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. **Prerequisite:** Chem. 235 or Chem. 237.

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. **Prerequisite:** Chem. 101-102.

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. **Prerequisite:** Chem. 355.

Chemistry 357. **Analytical Chemistry.** 1st semester; 1 single and 2 double periods a week; 3 credits.

An introduction to microtechnique and instrumental methods. **Prerequisite:** Chem. 356.

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. **Prerequisites:** Chem. 101-102, Chem. 235-236 or Chem. 355-356 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. **Prerequisites:** Chem. 101-102 and Chem. 355-356.
Chemistry and Geology

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.

Geology

MR. HARNSBERGER, Head of the Department

MR. FARMER

Major. The minimum requirement for a major in geology is twenty-four semester hours which must include Geol. 101-102 and sixteen additional semester hours subject to approval of departmental advisers. Students in Curriculum II or Curriculum III must also earn two credits in Science 490.

Minor. The minimum requirement for a minor in geology is eighteen semester hours subject to the approval of departmental advisers.

A student majoring in geology should include basic courses in biology and chemistry and other courses designed to prepare students for any career in geology they might care to pursue. These courses should be selected with the approval of departmental advisers.

GEOL 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.

GEOL 110. Fundamentals of Geology. Offered each semester; 1 double and 3 single periods a week; 4 credits.

An introductory course which considers topics such 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.
GEOL OGY 235. Mineralogy. 1st semester; 2 double and 2 single periods a week; 4 credits.

An introduction to the common minerals of the earth's crust. The physics and chemistry of minerals are considered, with emphasis on identification and classification. The origin and distribution of minerals are discussed.

GEOL OGY 236. Petrology. 2nd semester; 2 double and 2 single periods a week; 4 credits.

An introduction to the common rocks of the earth's crust. The origin, classification, and distribution of common rock types are discussed, with emphasis on hand specimen identification.

GEOL OGY 255. Regional Geology. 1st semester; 3 single periods a week; 3 credits.

The major physiographic and geologic provinces of the world are considered, with emphasis on the geologic evolution of North America. (Not offered in 1966-67.)

GEOL OGY 278. Stratigraphy. 2nd semester; 1 double and 2 single periods a week; 3 credits.

The principles of stratigraphy and sedimentation. Sedimentary rock classification, physical and biostratigraphic methods of correlation, and regional distribution of sedimentary rock types and ages are considered.

GEOL OGY 285. Geomorphology. 1st semester; 1 double and 2 single periods a week; 3 credits.

The description, classification, analysis, origin, and evolution of land forms. The physical and chemical processes that have formed the present landscape. Advanced interpretation of topographic maps.

GEOL OGY 335. Paleontology. 1st semester; 1 double and 2 single periods a week; 3 credits.

The fossil history of invertebrate animals is emphasized. The principles of taxonomy and evolution are considered. Protista through Bryozoa (Ectoprocta). Not offered in 1966-67. (This course was offered formerly as Geology 366.)

GEOL OGY 336. Paleontology. 2nd semester; 1 double and 2 single periods a week; 3 credits.

A continuation of Geology 335. Brachiopods through vertebrates. (Not offered in 1966-67.)
Geology

GEOLGY 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. (Not offered in 1966-67.)

GEOLGY 365. Structural Geology. 1st semester; 1 double and 2 single periods a week; 3 credits.

Major structures of the earth's crust. The causes and results of mountain building processes. Interpretation of geologic maps. (Not offered in 1966-67.)

GEOLGY 497-498. Problems in Geology. 1st and 2nd semester; 1 or 2 credits a semester.

An undergraduate research course in one of the fields of geology. Open, with permission of the department, to advanced students who have adequate preparation.
Mathematics

MR. IKENBERRY, Head of the Department

MR. BEASLEY, MRS. BOWMAN, MISS CURTIS, MR. GRUNWALD, MR. HANSON, MR. HURSEY, MR. POLITES, MRS. SCHMIDT, MRS. SHOWALTER, MR. SMITH, MR. TAYLOR, 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.

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. Prerequisite: One entrance unit in algebra and one entrance unit in plane geometry.

Mathematics 135. Elementary Functions. 3 periods a week; 3 credits.

A study of algebraic, exponential, logarithmic and trigonometric functions. A student may not have credit for both Mathematics 125 and Mathematics 135. (For freshmen who wish to enroll in Mathematics 235 in the second semester.)

Mathematics 140. Elementary Statistics. 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 325.) Prerequisite: Mathematics 125 or Mathematics 135.
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.

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, volumes, partial differentiation, and multiple integrals. A continuous course. Prerequisite: Mathematics 125-126, 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.

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.
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.

Mathematics 385. *Intermediate Calculus.* 1st semester; 3 periods a week; 3 credits.

A continuation of Mathematics 235-236 including sequences and infinite series. *Prerequisite: Mathematics 235-236.*

Mathematics 387. *Mathematical Statistics.* 1st semester; 3 periods a week; 3 credits.

An introduction to theoretical statistics. Probability; discrete and continuous random variables; mathematical expectation. *Prerequisite: Mathematics 235-236.*

Mathematics 388. *Mathematical Statistics.* 2nd semester; 3 periods a week; 3 credits.

A continuation of Mathematics 387. Sampling distributions; point and interval estimation; tests of hypothesis; regression and correlation; design and analysis of experiments. *Prerequisite: Mathematics 387.*

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.

Mathematics 435. *Advanced Calculus.* 3 periods a week; 3 credits.

Introduction to point set topology; rigorous treatment of the concepts of limit, continuity, differentiability, and the Riemann integral; sequences and series. *Prerequisite: Mathematics 385.*

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.
Mathematics 467-468. Selected Topics in Mathematics. 1st and 2nd semester; 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, group theory, ideal theory.

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.

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.

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. Prerequisite: Math. 385.

Mathematics 488. Vector Analysis. 2nd semester; 3 periods a week; 3 credits.

Vector Algebra, differentiation and integration of vector functions, applications in Physics. Prerequisite: Math. 235-236.

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. Prerequisite: consent of the head of the department.
Physical and Health Education

MISS SINCLAIR, Head of the Department

MISS BRUCE, MISS CRAWFORD, MR. EDWARDS, MISS ELLER, MISS FLAUGHER, MISS GARCIA, MRS. GEIL, MISS HARRIS, MISS HESTER, MRS. HORN, MR. LONG, MRS. MARR, MISS MORRISON, MRS. MYERS, MISS RUMMEL, MRS. STROUGH AND MISS TERGESEN

The Department of Physical and Health Education is organized to contribute to the basic studies program of the College and to prepare students for professional careers.

**Basic Studies 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, or the 250's.* Appropriate courses of a higher number carrying one semester hour of credit may also be selected. 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. Men and women making low scores must take P. E. 103 before enrolling in P. E. 120 or any of the P. E. 220-230-250 sequence courses. Electives are provided for all students.

**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 for endorsement at the elementary level, specialization in dance and to meet certification requirements in other states. For program of courses see pages 159-160

**Major in Health:** An interdepartmental major program of 36 hours in Curriculum VIII. To qualify for positions in health education or for teaching, consult Head of the Department. For program and courses see pages 160-161.

**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.

*Any required course may be exempted by passing a proficiency test in the activity. Proficiency tests are scheduled periodically.
### CURRICULUM III

**MAJOR IN PHYSICAL AND HEALTH EDUCATION**

**Freshman Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>1st Credits</th>
<th>2nd Credits</th>
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</thead>
<tbody>
<tr>
<td>Art 200</td>
<td>3</td>
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<tr>
<td>Bio. 110-120</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Eng. 101-102</td>
<td>3</td>
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<tr>
<td>Math. 125-126 or Math. 107-108</td>
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<td>Music 200</td>
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<td>P. E. 3</td>
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**Sophomore Year**

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<tr>
<th>Course</th>
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<tr>
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<td><em>Hth. 200-203</em></td>
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<tr>
<td>Psy. 233-234</td>
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<td>Speech 200</td>
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**Junior Year**

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Ed. 360</td>
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<tr>
<td>Ed. 370</td>
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<td><em>Hth. 304</em></td>
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<td>Hist. 233-234</td>
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<td><em>P. E. 373-374</em></td>
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<td><em>P. E. 363-344</em></td>
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<td><em>P. E. 383</em></td>
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<td><em>P. E. 386</em></td>
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<td>S. S.</td>
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<td><strong>Total</strong></td>
<td><strong>17</strong></td>
<td><strong>17</strong></td>
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</tbody>
</table>

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1. The required 12 semester hours in science may be taken in 3 four-hour courses. Chem. 101-102 is desirable as second science.

2. Students electing foreign languages should defer Math, or Art 200 and Music 200.

3. The elective is to be chosen with the Department Head according to the experience of the student.

4. Required for a major unless exempted by proficiency.
### Senior Year

**Credits per Semester:**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
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<td>Ed. 480</td>
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<td>*Hth. 403</td>
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<td>*P. E. 483</td>
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**Total:** 16 16

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### Curriculum VIII

**Major in Health**

**Pre-public Health**

#### Freshman Year

**Credits per Semester:**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Art 200</td>
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<tr>
<td>Bio. 110-120</td>
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<td>Eng. 101-102</td>
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<td>Music 200</td>
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<tr>
<td>Speech 200</td>
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**Total:** 16 16

#### Sophomore Year

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<tr>
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<td>*Bio. 270</td>
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<td>*Hth. 203</td>
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<td>Psy. 231-232</td>
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<td>Electives</td>
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**Total:** 16 16

*Required for a major unless exempted by proficiency.*
### Junior Year

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<td>*Math. 325</td>
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### Senior Year

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>*Hth. 403</td>
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<tr>
<td>*Hth. 314</td>
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<tr>
<td>*Hth. 414</td>
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<td>*Psy. 487-357 or 478</td>
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<td>*S. S. 387-468</td>
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<td><strong>Total</strong></td>
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*Required for a major unless exempted by proficiency.
PHYSICAL EDUCATION

**Costume:** Special costumes are required for physical education. Instructions for ordering these costumes are sent to 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.

**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. 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, gymnastics; swimming and track and field.

**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. 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.

**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.

*A fee of $8.00 per half-semester will be charged for all bowling classes (tenpins) and a fee of $70.00 for riding classes.*
*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 (Prerequisite: average of 110); 234-*Equitation; 235-Volleyball; 236-Softball.

*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. 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. 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.

**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. Prerequisite: P. E. 260, 264 or approval of instructor.

*This course will include a second activity according to the season. A fee of $8.00 per half-semester will be charged for all bowling classes (tenpins), a fee of $70.00 for riding classes, and a fee of $4.00 will be charged for golf, above the elementary level. The College reserves the right to cancel these classes should suitable facilities be unavailable.

**This course will include a second activity according to the season.
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 Basic Studies requirement.

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 Basic Studies requirement.

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.

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.

PHYSICAL EDUCATION 344. Advanced Modern Dance. 2nd semester; 2 periods a week; 1 credit.

Modern dance technique and composition on an advanced level. Prerequisite: P. E. 246 or P. E. 373B.

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.

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.

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. 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. 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 370Y, 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.


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.

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 anatomy in improving motor performance. 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. Prerequisite: Bio. 290-270. (Offered 1967-68 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.)

*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, and a fee of $4.00 will be charged for golf above the elementary level. The College reserves the right to cancel these classes should suitable facilities be unavailable.
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.

Physical Education 387. *Kinesiology of the Physically Handicapped.*
4 periods a week; 3 credits.

The movement and movement problems of children with crippling conditions; orientation to therapeutic exercise and other areas of physical and occupational therapy. *Prerequisite: Bio. 290-270.*

*Physical Education 474. Summary of Dance.* 1st semester; 3 periods a week; 1 credit. Available on the block plan.

A summarizing dance experience organized to increase understanding and the ability to project and communicate through dance media.

Physical Education 483. *Health and Physical Education in the Secondary Schools.* 1st semester; eight weeks; 4 periods a week; 2 credits.

Class procedures, methods, and the use of materials in the school programs of health and physical education. *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. *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 crippling conditions. *Prerequisite: P. E. 383, or 387.*

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.*

*This course will include a second activity according to the season.*
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. 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.

HEALTH 304. Traffic and Driver Safety. 2nd semester; 2 periods a week; 2 credits; laboratory work to be assigned in afternoon.

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. 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.

Major health problems of young adults are studied, with consideration given to their psychological, physiological, sociological and economic ramifications. Prerequisite: Hth. 200 or the equivalent.

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. 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. Prerequisites: Hth. 200 and Bio. 290-270.

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. Prerequisite: Hth. 314.
Physics

Mr. Wells, Head of the Department

Mr. Conway, Mr. Gordon, Mr. Meyers, 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 program Math. 235-236 and Math. 486. Basic courses in biology and chemistry are also desirable.

Students planning to teach physics must earn two credits in Science 490 and meet the State and College requirements in professional education.

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.

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.

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.
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. **Prerequisite:** Phys. 121-122.

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.

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. **Prerequisites:** Phys. 121-122 and Math. 235-236.

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.

Physics 338. **Nuclear Physics.** 2nd semester; 3 single periods a week; 3 credits.

Nuclear structure, radioactivity, cosmic rays, nuclear energy, nuclear instrumentation. **Prerequisites:** Phys. 121-122 and Math. 235-236.

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.

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. **Prerequisites:** Phys. 121-122 and Math. 235-236. (Offered 1963-66 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.
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. Prerequisite: Phys. 121-122 and Math. 235-236. (Offered 1965-66 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.

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. Prerequisites: Phys. 121-122 and Math. 235-236. (Offered 1966-67 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.

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.
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.

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.

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.
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.

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. 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. 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.

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.

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. 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.

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 Communications. 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.

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. 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. *Business 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. *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.

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.

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.

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.
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.

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.

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.

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.

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.

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. 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.
History

Mr. Dingledine, Head of the Department

Mr. Bland, Mr. Hallman, Mrs. Jackson, Mr. McFarland, Miss Marshall, and Mr. Wood

MAJOR

The requirement for a major in history is 48 semester hours, including 30 semester hours of history and 18 semester hours in the social sciences and the humanities. The 30 hours of history must include History 233-234 and History 255-256, or their equivalent. The 18 hours in the social sciences and humanities must include 6 hours of political science and 6 hours of economics. Courses in the humanities must be related to history and approved by the History Department.

MINOR

The requirement for a minor in history is 18 semester hours of history, including History 233-234 and History 255-256, or their equivalent.

Students may be exempt from the general survey course in United States History, History 233-234, by achieving a high score on the Cooperative American History Test offered to incoming freshmen. In such cases of exemption, students are required to complete 6 semester hours in United States history by selecting two of the following courses: History 440, U. S. History, 1763-1800; History 450, U. S. History, 1800-1850; History 460, Civil War and Reconstruction; History 470, U. S. History, 1877-1917; and History 475, U. S. History Since 1917.

HISTORY

HISTORY 233-234. United States History. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A survey of United States history from its colonial beginnings to the present. Interpretation and analysis are stressed. The first semester covers the period to 1865; the second semester, from 1865 to the present. (This course was offered formerly as Social Science 233-234.)

HISTORY 255-256. History of Civilization. 1st and 2nd semesters; 3 periods a week; 3 credits a semester.

A survey of important developments from pre-historic times to the present. Emphasis is given to the rise and decline of great civilizations and their lasting contributions to mankind, the growth of
nationalism, the development of colonialism, and the events, problems, and conflicts of the present century. The first semester covers world history to the mid-seventeenth century; the second semester, from the mid-seventeenth century to the present. (This course was offered formerly as Social Science 255-256.)

HISTORY 350. Virginia History. 3 periods a week; 3 credits.

An interpretive survey of the history of Virginia from its colonial beginnings to the present time. (This course was offered formerly as Social Science 350.)

HISTORY 363. History of Africa. 3 periods a week; 3 credits.

This course emphasizes the social and cultural aspects as well as the emerging role the continent plays in contemporary world history. (This course was offered formerly as Social Science 363.)

HISTORY 364. History of Latin America. 3 periods a week; 3 credits.

Designed to acquaint the student with the history, culture, and significance of selected Latin-American republics. (This course was offered formerly as Social Science 364.)

HISTORY 380. The History of Modern Russia. 3 periods a week; 3 credits.

An introduction to the history of nineteenth and twentieth century Russian history. Emphasis is 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 480.)

HISTORY 383. Early England. 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 483.)

HISTORY 384. England and the Empire-Commonwealth. 3 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 484.)
History 389. *The History of Modern Asia.* 3 periods a week; 3 credits.

An introduction to the history of India, China, Japan, Korea, and Southeast Asia during the past century. Emphasis is 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 489.)

History 440. *United States History, 1763-1800.* 3 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. (This course was offered formerly as Social Science 440.)

History 450. *United States History, 1800-1850.* 3 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. (This course was offered formerly as Social Science 450.)

History 460. *Civil War and Reconstruction.* 3 periods a week; 3 credits.

A detailed study of the background, development, personalities, and aftermath of the Civil War. Special attention is given to the coming of the War and different explanations of its causes, and to the policies and significance of Reconstruction, with varying interpretations thereof. (This course was offered formerly as Social Science 470.)

History 470. *United States History, 1877-1917.* 3 periods a week; 3 credits.

An interpretive study of United States history from Reconstruction to World War I. Special attention is given to the nation's emergence as an industrial and urban society and as a world power, and to third party and reform movements of the late 19th and early 20th centuries.

History 475. *United States History Since 1917.* 3 periods a week; 3 credits.

An interpretive study of the history of the United States since World War I with emphasis on political, economic, intellectual, and social history. (This course was offered formerly as Social Science 460.)

History 476. *Ancient History.* 3 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
History

Western Civilization. (This course was offered formerly as Social Science 488.)

HISTORY 477. MEDIEVAL HISTORY. 3 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. (This course was offered formerly as Social Science 487.)

HISTORY 478. RENAISSANCE AND REFORMATION. 3 periods a week; 3 credits.

This course focuses attention on cultural, intellectual, political, and social outgrowths of High Medieval civilization as an introduction to the history of Modern Europe. Special consideration is given to the Italian Renaissance of the fine arts, to the fragmentation of Western Christendom, to the intellectual impact of Luther and Calvin on Western thought, and to the political and social structure of Tudor despotism in England.

HISTORY 483. EUROPE FROM 1648 TO 1763. 3 periods a week; 3 credits.

An interpretive study of Europe from the Peace of Westphalia to the mid-eighteenth century crisis of enlightened absolutism. Special attention is given to the political and physical development of Europe, to intellectual aspects of the English Revolution, and to the westernization of Russia.

HISTORY 484. EUROPE AND THE FRENCH IMPERIUM, 1763 TO 1815. 3 periods a week; 3 credits.

This course is concerned with vital philosophical, social, and economic aspects of the age of the democratic revolutions. Special attention is given to an interpretive study of the Enlightenment, to the historiography of the French Revolution, and to the career of Napoleon.

HISTORY 485. NINETEENTH CENTURY EUROPEAN CIVILIZATION, 1815-1914. 3 periods a week; 3 credits.

An interpretive study of European civilization from the Peace of Vienna to the outbreak of the First World War. Attention is given to the intellectual and social climate of the period with emphasis on significant movements such as liberalism, nationalism, industrialism, imperialism, and the beginnings of socialism. (This course was offered formerly as Social Science 365.)

HISTORY 486. EUROPE SINCE 1914. 3 periods a week; 3 credits.

An interpretive study of European history from the First World War to the era of the Cold War, with special emphasis on such topics as the Peace of Versailles, the rise of totalitarianism, the origins of the
Second World War, and the diplomatic and military history of the Second World War. (This course was offered formerly as Social Science 366.)

HISTORY 490. Special Studies in History. 3 credits.

Designed to give capable students in History an opportunity to do independent study under faculty supervision. Prerequisite: Recommendation of the supervising instructor and permission of the head of the Department. (This course was offered formerly as Social Science 490.)
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.

Emphasis is placed on the influence of the family unit and the responsibilities which men and women assume when they establish a home.

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.

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. Application is made to the individual under normal conditions of health.

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.
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. **Prerequisite:** Phys. 140 or the equivalent.

Home Economics 290. **Textiles.** 1st semester; 2 single and 1 double period a week; 3 credits.

A general study of the physical and chemical characteristics of the natural and man-made fibers in relation to their choice and care and use.

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 relations. The student has opportunities to work with young children both in families of the community and in the campus nursery school. **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.

The values and qualities of tailored garments are studied comparing techniques of the custom detailed garment and the quick method garment construction. **Prerequisite:** H.E. 210 or the 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. **Prerequisite:** S.S. 210.

Home Economics 330. **Family Relations.** Offered each semester; 3 periods a week; 3 credits.

A study of the relations in modern family living with emphasis on dating, courtship, marriage, marital adjustment, and intergeneration relations. This course may also be counted for credit in Social Science.

Home Economics 333. **Health of the Family.** 2nd 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. **Prerequisite:** Hth. 200 or the equivalent.
Home Economics 343. Demonstration Cookery. 1st semester; 1 double period and 1 three-hour period 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. Prerequisite: H.E. 140 or the equivalent.

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.

Home Economics 380. Advanced Nutrition. 1st 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. Prerequisite: H.E 180 or the equivalent.

Home Economics 414. Flat Pattern Design and Costume Art. 2nd semester; 1 single and 2 double periods a week; 3 credits.

A study of the scope of the clothing area and an understanding of the world of fashion. Creativity is stressed in the designing of garments. This course offers an opportunity to achieve a better knowledge of garment-fitting.

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. Prerequisite: H.E. 140 or the equivalent.

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. Prerequisite: H.E. 140.

Home Economics 463. Institution Equipment. 2nd semester; 2 periods a week; 2 credits.

The emphasis is on the selection, buying, and placing of institution equipment.
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.

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 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.

**Quantity Cookery:**

This course gives the student experience in the acquisition and preparation of food for large groups. The conditions pertaining to a large food unit are studied 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.

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. Prerequisites: H.E. 133, 140, 180, 254, 300, 320, or their equivalent.

Home Economics 474. *Managing a Home*. Offered each semester; 2 single periods; 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.

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. Prerequisite: H.E. 380 and Chem. 238.
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. 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. Emphasis is placed upon laws of learning, studies of communities, and analyses of concerns of youth as a basis for cooperatively planning home and school activities.

HOME ECONOMICS EDUCATION 400. Vocational Home Economics. Offered each semester; 3 periods per week; 3 credits.

A survey of the development of Home Economics is made with emphasis upon the Vocational Homemaking program as developed cooperatively with local, state, and federal agencies. Students become acquainted with curriculum planning for employment in occupations using Home Economics knowledge and skills.

This course is prerequisite to supervised student teaching in home economics. Prerequisite: H.E.Ed. 303 or the equivalent.

HOME ECONOMICS EDUCATION 480-C. Directed Teaching in Home Economics. Offered each 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.
Library Science

Mr. Palmer, Head of the Department

Mrs. Finlay, Miss Hoover, Mrs. Mason, and Miss Riddle

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.


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.

Library Science 354. Library Resources for Young People. Offered each 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.

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.

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.
Library Science

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.

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.

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. (Library Science 365 should be completed before enrolling in Library Science 478.)

Library Science 480. Directed School Library Service. Offered each semester; 3 credits.

Work under the direction of supervisors in the several training schools in all phases of library service. Students majoring in library science may enroll in Ed. 480x (8 credits) for four semester hours in directed library service and four semester hours in student teaching, or they may take this course and Ed 480A (3 credits). 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.

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. Prerequisite: 24 semester hours of library science or approval of the Head of the Department.
Social Science

Mr. E. L. Smith, Head of the Department
Mrs. Blair, Mr. Brown, Mr. Cline, Mr. Guthrie
Mr. Rea, Mr. Rice, Mr. Whitmer
and Mr. Wilhelm

The requirement for a major in this department is 48 hours. The department also offers four 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 History 233-234, United States History; History 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 three additional hours of history and three additional hours in each of the following: Economics, Geography, Political Science, and Sociology or Anthropology. Nine additional semester hours are to be selected from any area of the student's interest.

These requirements meet the State Board of Education Certification Standards for teaching history, and they also meet the certification standards for teaching social science.

Students may be exempt from the course History 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: History 440, U. S. History, 1763-1800; History 450, U. S. History, 1800-1850; History 460, Civil War and Reconstruction; History 470, U. S. History, 1877-1917; and History 475, U. S. History Since 1917.

MINOR

A student may minor in any of the following social science subjects: Economics, Geography, Political Science, Sociology, or History. 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. 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. 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.

SOCIAL SCIENCE 410. Economics of Underdeveloped Areas. Two periods a week; 2 credits.

A study of economic development past and present with emphasis on the peculiar problems of economic growth in the developed and underdeveloped countries of the world.
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. 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. Prerequisite: Hist. 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.

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 interrelationship. World population growth and distribution as well as man's activities are touched upon during the study. 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. 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.

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.

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.

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.

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.


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, air masses 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; 2 periods a week; 2 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. Prerequisite: six semester hours of history.

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.

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.

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 330. American Political Thought. Two periods a week; 2 credits.

A study of the development and significance of political ideas that have influenced American society and government.

SOCIAL SCIENCE 340. Soviet Government and Politics. Two periods a week; 2 credits.

An inquiry into the institutions and processes of the government of the Soviet Union with particular emphasis on the role of leadership and the Communist Party.

SOCIAL SCIENCE 370. United States Foreign Policy. Two periods a week; 2 credits.

An investigation of the processes for making foreign policy, the underlying premises influencing specific policies, and the substance of American foreign policy.

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.

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.

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.

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.

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.

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.

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:

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.

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.
Sociology

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.

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.

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. Prerequisite: Recommendation of the instructor and permission of the Head of the Department.
Division of Teacher Education

MR. CALDWELL, Director

This division includes the department of Education and Psychology, the Anthony-Seeger Campus School Faculty, 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.

Education and Psychology

MR. CALDWELL, Head of the Department

MR. BLAIR, MR. COVELL, MR. DARRIN, MR. GOFF
MR. HAMRICK, MR. HEEB, MRS. HOBSON
MISS HOPKINS, MR. HORN, MISS KELLY
MR. KNIGHT, MR. POINDEXTER
MR. TOLBERT, MR. WEST
MISS WINN

Laboratory School Experiences Staff: Mr. Poindexter, Director. Coordinators of Student Teaching: Mr. Sonner, Mr. Pence. Field Supervisors: Miss Anderson, Mr. Blair, Miss Bruce, Mrs. Hobson, Miss Hopkins, Mr. Horn, Mr. Lyon, Miss M. Sieg, Mr. West. Student Teaching Staff: Miss Herr, Miss K. Sieg.

Anthony-Seeger Campus School Staff: Mr. Darrin, Director. Miss Bushong, Miss Cooper, Mrs. Dickerson, Mrs. Driver, Mrs. Mason, Mrs. Meeks, Mrs. Raynes, Mrs. Reeke, Miss Watkins, Miss Wigley.

The Department of Education and Psychology does not offer a major or a minor in education. Two concentrations, one leading to certification in the field of special education, and the second leading to certification in nursery school and kindergarten, are provided. Students who plan a concentration in either of these areas should discuss their programs with the Head of the Department.

The concentration in special education (mental retardation) includes the following courses: Art 310; Speech 370; Psy. 357; Ed. 410; Psy. 476; Psy. 488; Ed. 501D; Ed. 501E; Ed. 480.

The concentration in nursery school and kindergarten includes the following courses: Psy. 233-234; Psy. 369; Psy. 480; Art 310; Mus. Ed. 375; P. E. 370; L. S. 240 or H. Ec. 300; Ed. 480.
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.

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.

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.

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. 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.

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. **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. **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. **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.

**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, manage-
ment; teaching under public school conditions. 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.

EDUCATION 480c. Students may elect Education 480c for eight semester hours in student teaching.

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.

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.

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.

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.

**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, and XI. Those students who are interested in teaching can elect Psy. 233-234 in lieu of Psy. 231-232.

**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.

**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. 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. 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. 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. 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. 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. 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. 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. **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. **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. **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. **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.
PART 6

Expenses and Financial Aid

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Per Semester</th>
<th>Per Year</th>
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<tbody>
<tr>
<td>1. General Fee</td>
<td>$175.00</td>
<td>$350.00</td>
</tr>
<tr>
<td>2. Student Activity Fee</td>
<td>10.00</td>
<td>20.00</td>
</tr>
<tr>
<td>3. Room, Board, and Laundry</td>
<td>235.00</td>
<td>470.00</td>
</tr>
<tr>
<td>4. Tuition Fee Required of Non-Virginia Students Only</td>
<td>150.00</td>
<td>300.00</td>
</tr>
<tr>
<td>5. Service Fee for Full-Time Day Students (carrying 4 or more courses—nurses excepted)</td>
<td>6.00</td>
<td>12.00</td>
</tr>
<tr>
<td>6. Construction Fee</td>
<td>10.00</td>
<td>20.00</td>
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SUMMARY

<table>
<thead>
<tr>
<th>Description</th>
<th>Per Semester</th>
<th>Per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virginia Day Student</td>
<td>$191.00</td>
<td>$382.00</td>
</tr>
<tr>
<td>Virginia Boarding Student</td>
<td>430.00</td>
<td>860.00</td>
</tr>
<tr>
<td>Non-Virginia Day Student</td>
<td>341.00</td>
<td>682.00</td>
</tr>
<tr>
<td>Non-Virginia Boarding Student</td>
<td>580.00</td>
<td>1,160.00</td>
</tr>
</tbody>
</table>

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 to all full-time day students to cover expenses for day-student lounges and other facilities provided for them on the campus.

Construction Fee: Due to a change in State policy, the College now charge a fee for dormitory and other college buildings financed,
in whole or in part, by bond issues, to provide for sinking fund requirements.

**General Fees for Student Nurses** (Rockingham Memorial Hospital): One half of regular charge by special authorization of the Board of Visitors.

**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, the fees for full-time students will be as follows:

1. Instruction in voice, piano, violin, or other orchestral instrument

<table>
<thead>
<tr>
<th></th>
<th>Fee</th>
<th>Practice</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 half-hour lessons per week per semester.</td>
<td>$50.00</td>
<td>$ 5.00</td>
<td>$55.00</td>
</tr>
<tr>
<td>1 half-hour lesson per week per semester.</td>
<td>30.00</td>
<td>5.00</td>
<td>35.00</td>
</tr>
<tr>
<td>1 to 15 lessons per semester, each.</td>
<td>1.90</td>
<td>.30</td>
<td>2.20</td>
</tr>
</tbody>
</table>

2. Instruction in organ

<table>
<thead>
<tr>
<th></th>
<th>Fee</th>
<th>Practice</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 lessons per week per semester.</td>
<td>$50.00</td>
<td>$10.00</td>
<td>$60.00</td>
</tr>
<tr>
<td>1 lesson per week per semester.</td>
<td>30.00</td>
<td>10.00</td>
<td>40.00</td>
</tr>
<tr>
<td>1 to 15 lessons per semester, each.</td>
<td>1.90</td>
<td>.60</td>
<td>2.50</td>
</tr>
</tbody>
</table>

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.

The fee per semester for part-time students taking private instruction in music will be $40.00 for 1 lesson per week and $80.00 for two lessons per week.
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 1700 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 first 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 dormitory students (both new and upper-class), an additional advance payment of $100.00 will be required in order to hold the room reservation, which payment must be made by upper-class students before April first and by new students, transfers, and re-entries thirty days after acceptance. It will be credited to the student's account when registration is completed in September. This payment is not refundable 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

Dormitory 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. Any adjustment in charges will be figured from the date the completed withdrawal card is received in the Office of the Dean of Students. 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 $100.00 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 uncancelled 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

Madison College 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 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. All new applicants must submit the Parents’ Confidential Statement from the College Scholarship Service to support their applications. Information concerning this Service is available at the High School Guidance Offices.

**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 student attending this College.
STUDENT EMPLOYMENT

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 one hundred (100) 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 by May 1.

Ten-Hour Service: The College provides about two hundred (200) 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.
Scholarships and Loans

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.

Frances Sale Loan Fund: This fund was established in memory of Frances Sale, the first home economics department head. It is available to home economics majors. The money was provided by the Frances Sale home economics club.

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 is given to all students with a superior academic background.
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. Nine months 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. Fifteen per cent of the loan will be cancelled each year up to five years if the recipient will teach in a Poverty Area.

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. May first is the deadline. All new applicants must submit the Parents' Confidential Statement from the College Scholarship Service in support of their applications. Information concerning this Service is available at the High School Guidance Offices.

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
1964—1965

CONTRIBUTIONS TO PRIVATE SCHOLARSHIP FUND

Senior Class of 1964 “Duke Memorial Scholarship”, Harrisonburg, Virginia
Panhellenic Council of Madison College, Harrisonburg, Virginia
Honorable Burr P. Harrison, Winchester, Virginia
Portsmouth Council of P. T. A.’s, Portsmouth, Virginia
Douglas S. Freeman High School P. T. A., Richmond, Virginia
Woman’s Club of Waycroft, Arlington, Virginia
Harrington Teacher’s Association, Harrington, Delaware
Fairfax Music Guild, Fairfax, Virginia
Lynchburg Education Association, Lynchburg, Virginia
Armstrong Foundation, Inc., Winchester, Virginia
Waynesboro Rotary Club, Waynesboro, Virginia
Fluvanna County High School P. T. A., Scottsville, Virginia
Dundalk Junior High School P. T. A., Baltimore, Maryland
Delta Chapter of Alpha Delta Kappa, Chesterfield County, Virginia

$100.00
$100.00
$100.00
$500.00
$500.00
$300.00
$100.00
$125.00
$300.00
$3,000.00
$500.00
$300.00
$100.00
$25.00
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<th>Amount</th>
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</thead>
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<tr>
<td>Hampton Federation of P. T. A.'s, Hampton, Virginia</td>
<td>$350.00</td>
</tr>
<tr>
<td>Mrs. E. M. Colvin, Jr.</td>
<td>$150.00</td>
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<tr>
<td>Women's Club of Newportville, Newportville, Pennsylvania</td>
<td>$50.00</td>
</tr>
<tr>
<td>Rotary Club, Dundalk, Maryland</td>
<td>$125.00</td>
</tr>
<tr>
<td>Junior Woman's Club, Portsmouth, Virginia</td>
<td>$300.00</td>
</tr>
<tr>
<td>Grand Lodge, Vasa Order of America, Virginia</td>
<td>$300.00</td>
</tr>
<tr>
<td>James Wood High School, P. T. A., Winchester, Virginia</td>
<td>$2,375.00</td>
</tr>
<tr>
<td>Woman's Club of Newportville, Newportville, Pennsylvania</td>
<td>$50.00</td>
</tr>
<tr>
<td>Rotary Club, Dundalk, Maryland</td>
<td>$125.00</td>
</tr>
<tr>
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<td>$125.00</td>
</tr>
<tr>
<td>Junior Woman's Club, Portsmouth, Virginia</td>
<td>$300.00</td>
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Anonymous .................................................. $190.00
Department of School Librarians, Virginia Education Association, Richmond, Virginia .................................................. 150.00
Shenandoah Federation F. H. A., Toms Brook, Virginia .................................................. 75.00
Grace Church Scholarship Fund, Roanoke, Virginia .................................................. 100.00
Cave Spring High School Honor Society, Roanoke, Virginia .................................................. 75.00
Osborn High School P. T. A., Manassas, Virginia .................................................. 200.00
Livorno American High School, U. S. Forces, A.P.O. 19, New York, New York .................................................. 300.00
Culpeper Business and Professional Women’s Club, Culpeper, Virginia .................................................. 300.00
Cape Henry Woman’s Club, Virginia Beach, Virginia .................................................. 200.00
Brockwell Scholarship Fund, Richmond, Virginia .................................................. 500.00
E. C. Glass High School Educational Foundation, Lynchburg, Virginia .................................................. 250.00
Fairfax Education Association, Fairfax, Virginia .................................................. 400.00
Soroptimist Club, Warrenton, Virginia .................................................. 500.00
Colonial Heights High School P. T. A., Colonial Heights, Virginia .................................................. 350.00
Washington and Lee University, Lexington, Virginia .................................................. 1,210.00
Virginia Congress of Parents and Teachers, Richmond, Virginia .................................................. 600.00
Kline Chevrolet Sales Corporation, Norfolk, Virginia .................................................. 406.27
Dan River Mills Foundation, Danville, Virginia .................................................. 750.00
Cross Keys—Mill Creek Ruritan Club, Penn Laird, Virginia .................................................. 300.00
Georgia Marble Company, Nelson, Georgia .................................................. 150.00
Varina High School P. T. A., Richmond, Virginia .................................................. 100.00
Key Club of Fort Lauderdale High School, Fort Lauderdale, Florida .................................................. 100.00
Junior Exchange Club of Fort Lauderdale High School, Fort Lauderdale, Florida .................................................. 200.00
Anonymous .................................................. 325.00
North Hunterdon Regional High School Teachers Association, Annandale, New Jersey .................................................. 300.00
Pennsauken Education Association, Pennsauken, New Jersey .................................................. 300.00
Ladies Auxiliary of American Legion Post No. 27, Harrisonburg, Virginia .................................................. 100.00

Total Private Scholarship Gifts .................................................. $33,713.27

UNRESTRICTED GIFTS

American Association of University Women, Washington, D. C. .................................................. $225.00
O. Pendleton Wright Estate, Richmond, Virginia .................................................. 76.76

Total Unrestricted Gifts .................................................. $301.76

TOTAL CASH GIFTS TO THE COLLEGE .................................................. $34,015.03
PART 7

GRADUATES, 1965

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

ENROLLMENT SUMMARY
DEGREES AWARDED
FOR THE CALENDAR YEAR 1965

MASTER OF SCIENCE IN EDUCATION

Charles Edwin Good (Aug.)
Margaret Faulkner Horn (Aug.)
Edward Frank Jeffries, Jr. (Aug.)
Malcolm Harris Livick (Aug.)
Donald Sandidge Miller (Aug.)
James Edward O’Donnell (Aug.)
Sigrid Persson Reger (Aug.)
Samuel Eugene Ritchie (Aug.)
James Donald Roberts (Aug.)
Anne Hardman West (Aug.)

Annandale
Harrisonburg
The Plains
Fort Defiance
Mount Solon
Luray
Mount Jackson
Harrisonburg
New Market
Salem, W. Va.

MASTER OF ARTS IN EDUCATION

Edwin William Bradley
Margaret Baugh Carroll (Aug.)
Dennis Grayson Case (Aug.)
Nancy MacGregor Cook (Aug.)
Linda Hanson Cosby
Jean Jarrelle Daniels (Aug.)
Melvin D. Fawcett (Aug.)
Anna Frey (Aug.)
Edward Lyle Harlow (Aug.)
Edwin Hart (Aug.)
Kate Evangeline Hobson (Aug.)
Elnora Gaynell Huffman (Aug.)
Elizabeth Beyeler Jacobs (Aug.)
Fulton Brown Kegley
Virginia Cacciapaglia Martin (Aug.)
Roy Everett Rexrode (Aug.)
Norman Ray Skinner (Aug.)
Evelyn Allen VanPelt (Aug.)

Luray
Staunton
Salem
Richmond
Staunton
Winchester
Kalona, Iowa
Harrisonburg
Fort Defiance
Churchville
Harrisonburg
Goshen, Ind.
Staunton
Staunton
Franklin, W. Va.
Sperryville
Mount Crawford

MASTER OF SCIENCE

Dolores Dove Eanes (Aug.)
Donald Gordon Leisch (Aug.)

Fieldale
Arlington

BACHELOR OF SCIENCE WITH DISTINCTION

Andrea Berkley Lacy

Colonial Heights

BACHELOR OF ARTS WITH DISTINCTION

Mary Claire Rankin
Elizabeth Ann Wright

Roanoke
Lexington
<table>
<thead>
<tr>
<th>Name</th>
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<td>Linda Berkley Adkins</td>
<td>Richmond</td>
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<tr>
<td>Anne Sanford Carter (Aug.)</td>
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<tr>
<td>Monna Cathleen Christian (Aug.)</td>
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<td>Reedy Kay Clarke</td>
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<td>Cary Peter Clayton</td>
<td>Neptune Gables, N. J.</td>
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Donald Lee Lam (Aug.)  
Peggy Ann Lane  
Ruth Emelie LeDane  
Billy Owen Liskey  
William O. Lively  
Carol Morris Long  
Mary Wallace Long  
Nancy Ann Lukehart  
Peggy Lou Lynch (Aug.)  
Linda Lee Lynn  
Marilyn Frances Malone  
Melissa Chapman Marks (Aug.)  
Charlene Dell Marsh  
Lois Waggy Marshall (Aug.)  
Bonnie Sue Martin  
Linda Marie Martin  
Kathryn Roberta Marvel  
Julia Elizabeth Mason  
Ellis Leroy Matheny, Jr. (Aug.)  
Rena Mitchell Mathews (Aug.)  
Johnnee Nelle Matthews  
Mary Ann Matthews  
Gayliss Loring Mauck  
Judith Menefee Mavity  
Goldie Turner May (Aug.)  
Margaret Miska May (Aug.)  
Rita McCabe McClanahan  
Sally Ann McClanahan  
Ruth Elaine McGlathery  
Nancy Carroll Jane McKinney  
Paula June McLaughlin  
Margaret Helen McLintock (Aug.)  
Faye Verna Meads  
Cecilia Ann Merritt  
Mary Ellen Mewborn  
Diane Jean Miller  
Julia Brown Miller  
Nancy Jean Miller  
Suzanne Louise Miller  
Betsy Rickards Mitchell  
Toni Ross Mitchell  
Janice Mae Mondy (Aug.)  
Sandra Lee Morse  
Anna Huffman Moynihan (Aug.)  
Judith Ann Mumbower  
Alice Anne Munkasey  
Madge Hardwick Murphey  
Barbara Jean Murphy  
Mary Jane Murray  
Nancy Jo Muth  

Mount Crawford  
Far Hills, N. J.  
Falls Church  
Harrisonburg  
Port Republic  
Front Royal  
Hicksville, N. Y.  
Rocky Mount  
Woodstock  
Carson  
Woodstock  
Lynchburg  
Staunton  
Richmond  
Lynchburg  
Newark, Del.  
Annadale  
Harrisonburg  
Front Royal  
Waverly, Ohio  
Millsboro, Del.  
Bentonville  
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Broadway  
Staunton  
McLean  
Maurertown  
Arlington  
Victoria  
New York, N. Y.  
Virginia Beach  
Portsmouth  
Arlington  
South Hill  
Woodstock  
Charlottesville  
Biloxi, Miss.  
Front Royal  
Fenwick Island, Del.  
Alexandria  
Scottsville  
Richmond  
Shenandoah  
Robins A. F. B., Georgia  
Falls Church  
Warrenton  
Vienna  
Fort Worth, Texas  
Alexandria
Graduates

Judith Carolyn Neikirk
Judith Amanda Newman
Audrey Cora Nicholson (Aug.)
Nancy Brumback O’Neill
Carol Jeannette Osborne
Patricia Gordon Patterson
Bonnie Bethea Paul (Aug.)
Josephine Zirkle Perkins
Janyce Mae Pfoutz
Gloria Temple Pleasants
Dianne Cromwell Polk
Joan Marie Ponzar
Joann Shelby Powell
Roberta Anne Prettyman
Charles Edgar Quatse (Aug.)
Barbara Anne Raley
Mary Wilson Reese
Mary Ann Reichhardt
Sharon Smith Renner
Dorothy Phillips Revercomb (Aug.)
Susan Spilman Reynolds (Aug.)
Elizabeth Sue Ridings
Sally Anne Riggs
Carolyn Jean Rissler (Aug.)
Betty Sue Robinson
Connie Lee Robinson
Mary Sue Russell
Helen Rebecca Ryan
Meda Lee Rynex
Carroll Lee Sacra (Aug.)
Elizabeth Ellen Sandefur
Josephine Roberta Saunders
Mary Louise Sawyer
Suellen Scott
Delbert Leon Seitz
Hannah Martha Senft
Eileen Settle
Bonnie Carol Shaffer
Marguerite Florence Sharpe
Carol Huddle Shifflett
Charles Randall Shifflett
Ann Rawlings Shoemaker
Judith Lee Shotwell
Coraene Dovel Simmons
Mary Lee Slaughter
Nancy Jean Slusher
Gloria Jean Smiley
Barbara Anne Smith
Ellen Boyce Smith (Aug.)
Mary Catherine Smith

Newport News
Richmond
Triplet
Luray
Hampton
Staunton
Virginia Beach
New Market
Harrisonburg
Montpelier
Fort Knox, Ky.
Hampton
Stanardsville
Winchester
Elkton
Lisbon, Ohio
Raphine
Alexandria
Winchester
Deerfield
Waynesboro
Broadway
Langhorne, Pa.
Charlestown, W. Va.
Bridgewater
Baltimore, Md.
Front Royal
Lovettsville
Falls Church
McGaheysville
Roanoke
Moneta
Virginia Beach
Roanoke
Harrisonburg
Mahanoy City, Pa.
Falmouth
Alexandria
Frederick, Md.
Falls Church
McGaheysville
Bethesda, Md.
Criglersville
Dayton
Danville
Manassas
Arlington
Mount Sidney
Richmond
Kenton, Del.
Brenda Dolores Smoot
Ann Carol Sorrels
Myra Elaine Souers (Aug.)
Glinda May Spainhower
Annette Gayle Spitler
Jacqueline Elizabeth Stacks
Kenneth Wayne Stanley
Carolyn Ann Steinla (Aug.)
Ann Temple Stoneburner (Aug.)
Carolyn Faith Stultz
Tanya Mae Suarez
Evelyn Lynn Sullivan
Louise Herring Sullivan
Elizabeth Rose Sutton
Linda Marie Swain
Mary Jane Swanson
Elizabeth Hiner Swecker
Barbara Ann Sweeney
Sheryl Bett Tadlock
Charles Eldon Taylor
Christine Elizabeth Taylor
Nancy Virginia Taylor
Janet Tomey Teter
Phyllis Jean Thacker
Dorothy Marie Thompson
Emily Tysinger Thompson (Aug.)
Anna Louise Thrower
Julia Otey Thurman
Susan Timmons
Phyllis Ritchie Tomlinson
Sondra Frances Torain
Judy Ray Trantham
Maria Nicholas Tripolos
Lois Ann Trobaugh
Patricia Lee Troilo
Ida Jane Turner
Wendell Emanuel Turner (Aug.)
Brenda Geraldine Tyree
Mary Lee Uhl (Aug.)
William Herman Vandevander (Aug.)
Ellen Carol Wade
Ruby Mildred Wagstaff
Ann Tourgee Walker
Donna Marie Walker
Carolyn Sue Walton
Jean Long Wampler (Aug.)
Lynn Carl Ward
Albert Thompson Warrick (Aug.)
Barbara Belle Wassell
Elizabeth Wayne

Graduates

Alexandria
Front Royal
Elkton
Richmond
Luray
Falls Church
Waynesboro
Pennsylvania Furnace, Pa.
Front Royal
Woodstock
Vienna
Richmond
Harrisonburg
Alexandria
Newport News
Titusville, N. J.
Harringtonburg
Sandston
White Stone
Harrisonburg
Harrington, Del.
Harrington, Del.
Waynesboro
Martinsville
Edinburg
Banco
Portsmouth
Vinton
Dagsboro, Del.
Disputanta
Hampton
Falls Church
Charlottesville
Penn Laird
Brandy Station
Exmore
Shenandoah
Front Royal
Falls Church
Craigsville
Charlottesville
Buffalo Junction
Waynesboro
Keyser, W. Va.
Falls Church
Harrisonburg
Kokomo, Ind.
Front Royal
Salem
Orange
Graduates

JoAnn Craun Wenger
Suzanne Baylor Wheeler
Jean Artz Whetzel (Aug.)
Barbara Ellen White (Aug.)
Barbara Ford White
Paulyne Ellmore Wibirt (Aug.)
Lois Jane Wilder
Nancy Joyce Will
Betty Coffman Wilson
Paula Mae Wimer
Judith Harrington Wolf
Charles Monroe Wood
Carol Virginia Wootten
May Saunders Worley (Aug.)
Pauline Miller Wysong (Aug.)
Andrea Lynn Yagnesak
Susan Ewell Yancey (Aug.)
Barbara Ann Yokas
Judith Sharpe Young
Mary Alice Young
John Payne Younkins

Linville
Mount Solon
Woodstock
Winchester
Bridgewater
Arlington
Salisbury, Md.
Norfolk
Staunton
New Castle, Pa.
Norfolk
Rileyville
Hampton
Natural Bridge Station
Shenandoah
Hosbrouck Heights, N. J.
Harrisonburg
Alexandria
Timberville
Danville
Harrisonburg

BACHELOR OF ARTS

Doris Ann Bragg
Mary Betty Burger
Judith Ann Burkholder
Nancy Carole Burks (Aug.)
Agnes Alma Burruss
Jane Carson Calhoun
Nancy Carol Catlett
Claudia Anne Chapman
Miguel Angel Chellini (Aug.)
Kathryn Elaine Colvin
Phyllis June Bergdoll Cook (Aug.)
Ruth Carolyn Crouch
Gayle Page Dodd
Mary Elizabeth Drayer
Shirley Jean Dunkley
Judy Lynn Dyson (Aug.)
Nina Paul Edmondson
Janet Lynn Fleming
Elizabeth Lee Foresman
Susan Roberta Gardner
Martha Jeanette Glover
Judy Belle Harris
Linda Anne Henderson
DeLure Willard Hensley (Aug.)
Sara Lloyd Holden
Martha Hardy Huffman

Great Falls
Natural Bridge
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Madison Heights
Tarpon Springs, Fla.
Charleston, W. Va.
Portsmouth
Norfolk
Woodstock
Culpeper
Moorefield, W. Va.
Richmond
New York, N. Y.
Doylestown, Pa.
Suffolk
Harrisonburg
Maury, N. C.
Cresaptown, Md.
McLean
Harrisonburg
Vinton
Montpelier
Arrington
Elkton
Hopewell
Harrisonburg
Betty Sue Hurd  
Judith Anne Jarrett  
Bonnie Brinckerhoff Kain (Aug.)  
Barbara Jean Lamma (Aug.)  
Sharon Louise Leinart  
Frances Geraldine Lloyd  
Thelma May Lythgoe  
Patricia Ann McGovern  
Diane Elizabeth McMillion  
Joan Dale Perry  
Carol Lynn Petty  
Betty Carol Phelps  
Mary Douglas Poindexter  
Doris Jean Redmon  
Virginia Paige Rilee  
Suzanne Gatewood Robinson  
Joyce Elaine Ryan  
Roger Dale Shifflett (Aug.)  
Gretchen Estelle Smith  
Monty Charlene Steele  
Martha Raye Wade  

Martinsville  
Richmond  
Richmond  
Quicksburg  
Manchester, Md.  
Quantico  
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Alexandria  
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Goshen  
Danville  
Vinton  
Orange  
Gressitt  
Lexington  
Mt. Airy, Md.  
Penn Laird  
Arlington  
Wise  
Raphine

BACHELOR OF MUSIC EDUCATION

Jeanette Pinnell Grainger  
Jeanette Marie Kessel  
Peggy Anne Orr  
Catherine Douglas Sinclair  
Sandra Luce Watson

Lexington  
Staunton  
Dryden  
Hampton  
Chesapeake
### GEOGRAPHICAL DISTRIBUTION OF STUDENTS

#### By States and Countries

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Chesapeake ................................. 9
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Portsmouth ................................. 41
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Total students living in Virginia ........... 1,830

SUMMARY OF ENROLLMENT OF STUDENTS

The School Year 1964-65

Regular Students:
Summer Term 1964 ......................... 1,281
First Semester 1964-65 .................... 2,014
Second Semester 1964-65 ................. 141
Pupils in Student Teaching ................ 3,436
Classes .................................. 22,850
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