BULLETIN

THE SUMMER SESSION

MADISON COLLEGE
Harrisonburg, Virginia

Volume XX, No.1
January, 1962
SUMMER SESSION, 1962
FOR MEN AND WOMEN

EIGHT-WEEK SESSION—JUNE 18-AUGUST 10
Undergraduate Courses
Registration—9:00 A.M. on June 18

INTERSESSION—JUNE 11-JUNE 29
Graduate Courses Only
Open to approved undergraduate students
Registration—8:00 A.M. on June 11

SIX-WEEK SESSION—JULY 2-AUGUST 10
Graduate Courses Only
Open to approved undergraduate students
Registration—8:00 A.M. on July 2
STATE BOARD OF EDUCATION

LEONARD G. MUSE, President
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norfolk

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rICHMOND

WILLIAM J. STORY
SOUTH NORFOLK

WOODROW W. WILKERSON
State Superintendent of Public Instruction
and Secretary of the Board
RICHMOND

COMMITTEE FOR MADISON COLLEGE: MRS. GALLEHER, CHAIRMAN,
MR. MUSE AND MR. FRED O. WYGAL, DIRECTOR,
Division of Teacher Education, ex officio.
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Quincy D. Gasque, M.S.  
Dorothy S. Garber, B.S.  
Pauline C. Long, B.S.  
Phyllis Meek, M.A.  
William J. DeLong, M.A.  
Kyle Stirling, A.B.  

Clarence R. Hamrick, Ph.D.  

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Ferne R. Hoover, M.A.  Assistant Librarian  
Leta C. Showalter, B.S. in L.S.  Assistant Librarian  
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Ruth Roadcap  Manager, Tearoom
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Elaine W. Reedy Bookkeeping Machine Operator
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Dorris H. McElyea Secretary to the Director of Admissions and Student Aid
Nancy K. Sigmon Assistant Secretary to the Director of Admissions and Student Aid
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Carolyn Miller Assistant Secretary to the Registrar
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Adele Coakley Secretary to the Librarian
Alda S. Trenary Secretary, Library Science Department
Janet Long Secretary, Dietitian's Office
Madison College

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Bonnie Miller Secretary, Music Department

Ruth M. Wilkins Secretary to the Coordinator of the Campus School

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Doris Jean Rimel Library Clerk

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Sally Livick Hostess

Esther D. Yancey Hostess

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Bessie M. Lenox Director of Dormitories

Berdie Moyer Laundry Foreman

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Danise D. Way Manager
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(FOR THE SUMMER SESSION)

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

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Lester S. Bucher, Professor of Music. B.S., State Teachers College, West Chester, Pennsylvania; M.S., University of Pennsylvania; Ed.D., Columbia University.

Charles G. Caldwell, Professor of Education. A.B., Roanoke College; M.A., Ph.D., University of Chicago.

Wilbert Chappell, Professor of Chemistry. B.S., Ottawa University; A.M., Ph.D., University of Kansas.

Raymond D. Cool, Professor of Chemistry. B.S., Bridgewater College; M.S., Ph.D., University of Virginia.

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Jean E. Copper, Assistant Dietitian; Assistant Professor of Home Economics. B.S., Madison College; M.S., The Ohio State University.

Marilyn Crawford, Associate Professor of Physical and Health Education. B.S., Woman's College of the University of North Carolina; M.A., University of North Carolina; Ed.D., University of Texas.

William J. DeLong, Director of Admissions and Student Aid. B.S., Roanoke College; M.A., University of Virginia.

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Elizabeth Ellen Downey, Assistant Librarian. B.S., Madison College; B.S. in L.S., George Peabody College for Teachers.

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

Martha Fodaski, Associate Professor of English. B.A., Wayne State University; M.A., Ph.D., University of Wisconsin.

Mary Anne Franklin, Associate Professor of Education. B.A., Westhampton College; M.A., University of Virginia.

Dorothy S. Garber, Dean of Women. B.S., Madison College.

Quincy D. Gasque, Director of Field Services and Placement. B.S., The Citadel; M.S., University of Virginia.

Daniel S. Geiser, Professor of Physical Education. B.A., Juniata College; M.A., The Ohio State University; Ed.D., Columbia University.


Margaret A. Gordon, Assistant Professor of Biology. B.S. in Ed., Madison College; M.S., University of Virginia.

James K. Grimm, Assistant Professor of Biology. B.S., Concord College; M.S., University of Tennessee.
CLARENCE R. HAMRICK, Associate Professor of Education. B.S., Hampden-Sydney College; M.S., Ph.D., University of Virginia.

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

ZULA H. HERRING, Instructor of Library Science. B.A., Blue Mountain College; M.A., Appalachian State 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. B.S., Madison College; M.Ed., University of Virginia.

MILDRED D. HOYT, Professor of Education and Director of the Reading Center. A.B., Central State College, Edmond, Oklahoma; M.A., George Peabody College for Teachers; Ed.D., Stanford University.

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

MILBREY L. JONES, Assistant Professor of Library Science. A.B., Georgia State College for Women; M.Ln., Emory University.

WILLIAM F. JONES, Assistant Professor of Biology. B.A., Davis and Elkins College; M.S. in Ed., Madison College.

MARY KATHRYN KING, Assistant Librarian. B.A., Eastern Mennonite College; M.S. in L.S., Drexel Institute of Technology.

RALPH V. LAHAIE, Associate Professor of Speech. B.S., Central Michigan College of Education; M.A., University of Florida; Ph.D., University of Denver.

JOHN J. LEHRBERGER, JR., Assistant Professor of Mathematics. A.B., M.A., University of Louisville.

THOMAS W. LEIGH, Associate Professor of English. B.A., Hampden-Sydney College; M.A., University of Michigan.
LOUIS GLENN LOCKE, Professor of English. A.B., Bridgewater College; M.A., George Washington University; A.M., Ph.D., Harvard University.

PAULINE C. LONG, Registrar. B.S., Madison College.

JOHN WARD LONG, JR., Assistant Professor of Physical and Health Education. A.B., Bridgewater College; M.A., Columbia University.

MARCELLE S. MACE, Assistant Professor of Music. B.A., University of Delaware; M.A., Teachers College, Columbia University; student, Julliard School of Music.

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

PHYLLIS MEEK, Assistant Dean of Women; Assistant Professor of Guidance. A.B., Southeastern State College, Durant, Oklahoma; M.A., Ohio University.

LYDIA PURSER MEEKS, Assistant Professor of Education. A.B., East Carolina Teachers College; A.M., Columbia University.

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

HARRY KENT MOORE, Assistant Professor of Physical Science. B.S., Manchester College; Ed.M., Harvard University.

MARY O. MURPHY, Assistant Professor of Education. B.A., Newberry College; M.Ed., Ed.D., University of Georgia.

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.

LUCY ARVELLA PITSENBARGER, Assistant Professor of Sociology. B.S., M.A. in Ed., Madison College.

RAYMOND J. POINDEXTER, Professor of Education. 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.

SUE J. RAINÉ, Dietitian; Assistant Professor of Home Economics. B.S., Madison College; A.M., Columbia University.

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L. OWENS REA, Associate Professor of Economics. A.B., Ph.D., The Johns Hopkins University.

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

DOROTHY ROWE, Associate Professor of Home Economics. B.S., Madison College; M.S., The Ohio State University.

H. FELIX SANDERS, Assistant Professor of Science. B.S., Roanoke College; M.A., Columbia University.

LONDON A. SANDERS, Professor of Business Education. B.S., M.S., University of Tennessee; M.Ed., University of Pittsburgh.

ANTHONY SAS, Associate Professor of Geography. B.A., University of Amsterdam, The Netherlands; M.A., University of Washington; Ph.D., Clark University.

BESSIE R. SAWHILL, Associate Professor of English. A.B., Olivet College; A.M., University of Wisconsin; Ph.D., The Johns Hopkins University.

FRED SCHAB, Professor of Education. B.S., Temple University; M.A., University of Pennsylvania; Ed.D., George Peabody College for Teachers.

MARGARET JEAN SCHMIDT, Assistant Professor of Mathematics. B.S., The Ohio State University; M.S., Florida State University.

Leta C. Showalter, Assistant Librarian. A.B., Bridgewater College; B.S. in L.S., Columbia University.

Caroline Sinclair, Professor of Physical and Health Education. B.S., College of William and Mary; Ph.D., New York University.

Elmer L. Smith, Professor of Sociology. B.S., Florida Southern College; M.A., Western Reserve University; D.S.Sc., Syracuse University.

Glenn C. Smith, Professor of History. B.S., State Teachers College, East Stroudsburg, Pennsylvania; M.S., Temple University; Ph.D., University of Virginia.

John G. Stewart, Assistant Professor of Foreign Languages and Education. B.A., College of the Pacific; M.A., University of Virginia.

Kyle Stirling, Instructor of Journalism; Public Information Officer. A.B., High Point College.

Helen Fagstad Swink, Assistant Professor of English. B.S., West Virginia University; M.A. in Ed., Madison College.

Marjorie B. Tate, Associate Professor of Physical and Health Education. B.S., University of Minnesota; M.A., Columbia University; Ph.D., State University of Iowa.


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

Joseph Toms, Assistant Professor of Education. B.S., M.S., Southern Illinois University.
Lewis O. Turner, Assistant Professor of Education; Director of the Anthony-Seeger Campus School. A.B., Lynchburg College; M.Ed., University of Virginia.

William O. Walsh, Assistant Professor of Business Education. B.S., Southwest Missouri State College; M.S., Kansas State Teachers College.

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

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

Columbia Winn, Associate Professor of Education. A.B., University of Colorado; M.A., University of Chicago.

John E. Wood, Assistant Professor of History. B.A., University of Virginia; M.A., Tulane University.

LABORATORY SCHOOL EXPERIENCES

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

FACULTY OF THE ANTHONY-SEEGER CAMPUS SCHOOL

Lewis O. Turner, Director

Ruth Cooper, Assistant Professor, Supervisor of Lower Grades.

Gladys J. Shifflet, Instructor, Supervisor of Lower Grades.

Angela S. Reeke, Assistant Professor, Supervisor of Middle Grades.

Lydia P. Meeks, Assistant Professor, Supervisor of Upper Grades.
SUMMER SESSION CALENDAR

SATURDAY, JUNE 9—
Dormitories open for Intersession students.

MONDAY, JUNE 11—
Dining room opens—Breakfast is the first meal served.

MONDAY, JUNE 11—
Registration of students for the Intersession, 8:00 A.M.
Classes begin, 9:00 A.M.

SATURDAY, JUNE 16—
Dormitories open for Eight-Week Session. Reservations held only until 6:00 P.M., Monday, June 18.

SUNDAY, JUNE 17—
Dining room opens—Supper is the first meal served.

MONDAY, JUNE 18—
Registration of students for the Eight-Week Session, 9:00 A.M.

TUESDAY, JUNE 19—
Classes begin for the Eight-Week Session.

MONDAY, JULY 2—
Registration for Six-Week Session, 8:00 A.M. Classes begin.

WEDNESDAY, JULY 4—
Classes meet as usual.

TUESDAY, JULY 10, AND WEDNESDAY, JULY 11—
Institute on Public Education.

FRIDAY, AUGUST 10—
Final Exercises—Conferring of degrees.
Summer Session ends.

SATURDAY, AUGUST 11—
Dining room closes after breakfast is served.
Dormitories close at noon.
SPECIAL FEATURES OF THE SUMMER SESSION

SHORT-TERM COURSE

JUNE 18—JULY 20

Science for the Elementary School. (See page 54)

GRADUATE COURSES

Graduate courses are open to approved undergraduates with advanced standing. The following graduate courses will be offered during the summer of 1962:

Intersession

JUNE 11—JUNE 29
9:00 A.M.—12:00 Noon, Daily

Each class gives 3 semester hours of credit.

BIOLOGY—

Physiology of Respiration. (See page 88)

BUSINESS EDUCATION—

Advanced Studies in Skill Building Subjects. (See page 97)

EDUCATION—

Seminar in Education and Psychology: Educational Television. (See pages 111-112)

Individual and Group Tests. (See page 112)

Research Methods in Education. (See page 112)

Supervision of Instruction. (See page 112)

HEALTH—

The Health Program in School and Community. (See page 94)

MUSIC—

Instrumental Materials and Techniques. (See page 83)

SOCIAL SCIENCE—

Economics Seminar. (See pages 104-105)
Six-Week Session

JULY 2—AUGUST 10

BIOLOGY—
  Vertebrate Ecology. (See page 88)
  General Entomology. (See page 89)
  Developmental Anatomy of Higher Plants. (See page 89)

BUSINESS EDUCATION—
  Curriculum Construction in Business Education.
    (See page 97)
  Seminar in American Business. (See page 98)

EDUCATION—
  Seminar in Education and Psychology: The Elementary School.
    (See page 112)
  Philosophy of Education. (See page 113)
  Basis of Curriculum Development. (See page 113)
  Instruction. (See page 113)
  Human Growth and Development. (See page 113)
  The Fundamentals of Educational Administration.
    (See page 113)
  The Teaching of the Exceptional Child. (See page 114)

ENGLISH—
  The Growth and Structure of the English Language.
    (See page 77)
  Shakespeare. (See page 77)

HOME ECONOMICS—
  World Nutrition Needs and Food Resources.
    (See page 99)

MATHEMATICS—
  Theory of Numbers. (See page 92)
  Introduction to Analysis. (See page 92)

MUSIC—
  Music of the Romantic Period. (See page 83)
  Advanced Conducting. (See page 84)
  Instrumental Techniques. (See page 84)
  The Supervision and Administration of Music.
    (See page 84)
PHYSICAL EDUCATION—
   EVALUATION AND MEASUREMENT IN PHYSICAL EDUCATION.
      (See page 94)
   ADVANCED COACHING AND OFFICIATING TECHNIQUES.
      (See page 95)

PHYSICS—
   PRINCIPLES OF NUCLEAR AND RADIATION PHYSICS.
      (See page 95)

SOCIAL SCIENCE—
   CULTURAL GEOGRAPHY. (See page 105)
   SOCIAL SCIENCE SEMINAR. (See page 105)
   COLONIAL AMERICA. (See page 105)
   SEMINAR IN AMERICAN BUSINESS. (See page 105)

OTHER FEATURES
COURSES FOR ELEMENTARY SCHOOL TEACHERS.
COURSES FOR HIGH SCHOOL TEACHERS.
COURSES IN LIBRARY SCIENCE.
EDUCATION IN ARTS AND CRAFTS.
INSTITUTE ON PUBLIC EDUCATION.
AUDIO-VISUAL EDUCATION.
LABORATORY SCHOOL FOR STUDENT TEACHING AND OBSERVATION.
SCIENCE INSTITUTE.
EDUCATIONAL AND VOCATIONAL COUNSELING FOR STUDENTS.
SPECIAL DORMITORY REGULATIONS FOR MATURE STUDENTS.
VETERANS ADMITTED UNDER THE PUBLIC LAWS GRANTING EDUCATIONAL BENEFITS TO VETERANS.
ROOMING ACCOMMODATIONS FOR STUDENTS AND THEIR CHILDREN.
DELIGHTFUL MOUNTAIN ENVIRONMENT:
   COOL NIGHTS, ELEVATION 1,300 FEET.
RECREATIONAL FACILITIES:
   INDOOR SWIMMING POOL, TENNIS COURTS, ATHLETIC FIELDS, TWO GYMNASIUMS, SERIES OF LECTURES AND ARTISTS, EXCURSIONS—
   SCENIC AND HISTORICAL.
COLLEGE CAMP ON SHENANDOAH RIVER.
NO CLASSES ON SATURDAYS.
INTRODUCTORY STATEMENT

Madison College is a State-aided, liberal arts institution operated under the supervision, management, and government of the State Board of Education. It prepares students for the responsibilities of life and leadership in the State and Nation.

While Madison College fulfills the functions of a liberal arts institution, the College continues 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, Bachelor of Music, Master of Arts in Education, Master of Science in Education, and Master of Science.

Madison College was established in 1908 by the Legislature of Virginia. The College enrolls at the present time approximately 1,725 students in the Winter Session and 1,000 in the Summer Session.

The College is devoted primarily to the education of teachers. It also prepares librarians for the public schools, offers work in liberal arts, and in professional curricula such as business education and home economics. The College prepares dietitians, institution managers and other specialists in the field of home economics. The College also offers pre-professional education for nurses, medical technologists, and students of law and medicine.

Twelve distinct curricula are offered by the College leading to the A.B., B.S., or the Bachelor of Music degree.

In March, 1954, the State Board of Education authorized Madison College to offer graduate programs leading to the Master of Arts and Master of Science degrees in Education.

On October 31, 1960, the State Board of Education authorized the College to offer the Master of Science degree.

Madison College is accredited by:

The Southern Association of Colleges and Secondary Schools
The 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
The Virginia State Board of Education

It is a member of:
The American Association of Colleges for Teacher Education
The Association of American Colleges
The Association of Virginia Colleges
The National Commission on Accrediting (not an accrediting agency)
The Association of Teacher Education Institutions
The American Council on Education

ADMISSION REQUIREMENTS*

To be admitted unconditionally to the Summer Session, the applicant must be a graduate of an accredited high school or secondary school or else be an experienced teacher holding a certificate to teach. Persons twenty years of age or older who do not meet these requirements may be admitted as special students without college credit until the usual entrance requirements are met. High school graduates must have such records as to recommend them for admission to college.

Admission to the Summer Session does not necessarily imply admission to the regular session. If the student enters the Summer Session with the intention of continuing on for the regular session, he must submit to the Director of Admissions an acceptable score on the Scholastic Aptitude Test of the College Entrance Examination Board (morning session).

ADMISSION OF VETERANS

Veterans are admitted to Madison College under the Public Laws granting educational benefits to veterans.

*Further details of admission of students are given under “Admission and Classification.”
EXPENSES

The College reserves the right to adjust these fees and charges if deemed advisable by the State Board of Education because of rising costs or other conditions. Expenses will be due and payable, in full, upon entrance.

UNDERGRADUATE

Eight-Week Courses

<table>
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<th>General fees</th>
<th>$ 80.00</th>
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<tbody>
<tr>
<td>Campus fee</td>
<td>3.00</td>
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<tr>
<td>Board, room and laundry</td>
<td>105.00</td>
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Total charges for Virginia students $188.00

Tuition fee for out-of-state students $45.00

Total charges for out-of-state students $233.00

Five-Week Course (Science 60s)

<table>
<thead>
<tr>
<th>General fees</th>
<th>$ 80.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus fee</td>
<td>2.00</td>
</tr>
<tr>
<td>Board, room and laundry</td>
<td>66.00</td>
</tr>
</tbody>
</table>

Total charges for Virginia students $148.00

Tuition fee for out-of-state students $45.00

Total charges for out-of-state students $193.00

Special students taking one eight-week course for less than six semester hours credit will be charged $40.00 general fees, $22.50 out-of-state tuition if applicable, and other fees as listed above.
GRADUATE

Intersession

Three-Week Courses

General fees .................................................. $ 40.00
Campus fee .................................................. 1.00
Board, room and laundry ................................. 40.00

Total charge for Virginia students ..................... $ 81.00
Tuition fee for out-of-state students .................. 22.50

Total charges for out-of-state students ............... $103.50

Six-Week Courses

General fees (two courses) ............................... $ 80.00
Campus fee .................................................. 2.00
Board, room and laundry ................................. 80.00

Total charges for Virginia students ..................... $162.00
Tuition fee for out-of-state students .................. 45.00

Total charges for out-of-state students ............... $207.00

Graduate students taking only one class in the six-week session will be charged $40.00 general fees, $22.50 out-of-state tuition if applicable, plus other fees as listed above.

Thesis: Graduate students registering for a Thesis will be charged a fee of $80.00. This amount is to be paid only once.

The above schedule of fees does not cover cost of books and supplies, but does cover laboratory fees.

The fees for one course of eight weeks for less than six semester hours credit will be $40.00, the fees for two or more courses will be $80.00. Students taking a single course for the full term for which 6 semester hours of credit will be allowed, will be charged the full general fee of $80.00.
Students who take two courses in the eight-week session plus one course in the six-week session, or one course in the eight-week session plus two courses in the six-week session, will be charged according to the schedule of fees as listed for the different sessions.

For information as to charges for the special short courses listed below, see page references.

Science for the Elementary School—(see page 54)
Massanetta Music Workshop—(see page 82)

Auditing: An auditor's fee of $12.00 per course will be charged for auditing a regular or short-term course, or a workshop.

Diploma Fee: A fee of $5.00 for a Bachelor's diploma and a fee of $7.50 for a Master's diploma will be charged.

Student Teaching: Any student taking student teaching will be classified as a full-time student and will be charged full rates.

Single Rooms: If any student wishes to room alone he or she may secure such accommodations by paying $12.00 additional.

Fees for room, board, and laundry are $18.50 per week and for fractional parts of a week $2.00 per day. This is not applicable to regular boarding students.

A small additional charge is made by the college post office for rent of post-office boxes.

All financial accounts must be settled before the award of any diploma or certificate credit.

AUDITORS OR OBSERVERS WITHOUT COLLEGE CREDIT AND AT REDUCED COST

Many teachers, fatigued from a strenuous year of teaching, without the urgent need of college or certificate credit, may like to attend the Summer Session, observe in various classes, attend a special series of lectures, take excursions and field trips,
and yet not be subject to the regular requirements of class attendance and preparation.

Inasmuch as the College has ample accommodations for a larger student body than usually attends the Summer Session, it will admit such teachers this Summer at the regular rates for board but with an observer’s fee of $12.00 per course.

Auditors of workshops or short-term courses will be charged a flat rate of $12.00.

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 the 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 the College after ten days or before the middle of the session will be charged $25.00 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 session will be charged one-half of the general fee and all other fees. No rebate of fees will be made after the middle of the session.

(2) Withdrawal from the College due to illness or unavoidable emergency. A student who withdraws from the College due to illness certified by a physician or for unavoidable emergency approved by the President of the College will be charged a prorata share of all fees.

Room Rent, Board and Laundry: Room rent (including the room deposit of $5.00) will not be refunded except in case of personal illness, certified by a physician, or for unavoidable emergency 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 Withdrawals: Any refunds made to students whose connections with the College terminate on account of disciplinary action or enforced withdrawal will be at the discretion of the President of the College.

Late Entrance and Absences: No adjustment in the charge for room and board will be made for late entrance.

Room Deposit Fee: The room deposit fee of $5.00 is not refunded unless the student is refused admission by the College, or unless she cancels her application prior to May first.

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.

AUTOMOBILE PARKING PERMITS

All students who operate a motor vehicle on the campus must register the vehicle in the Office of the Business Manager. Each student will be given a registration card and a decal to indicate that the vehicle has been registered. The decal must be displayed prominently in the lower right corner of the rear window. Detailed information concerning traffic and parking regulations will also be given each registrant.
SUMMER SCHOOL SCHOLARSHIPS
AND LOANS

SCHOLARSHIPS

I. Summer Session Teaching Scholarships (for teachers in the field).

At the 1947 Special Session of the Virginia General Assembly, a system of State Scholarships was established for Virginia teachers attending Summer School in Virginia colleges. At succeeding sessions the plan was continued.

A. ELIGIBILITY

The candidate must:

1. Be a resident of Virginia.

2. Be enrolled in a four-year accredited state-supported or private, non-sectarian, Virginia college in a regular summer session for not less than three (3) semester hours.

3. Have the scholastic ability and personal characteristics expected in an effective teacher.

4. Be a teacher to whom the superintendent has offered re-employment or employment, and who thus has reasonable assurance of a teaching position following the summer study.

5. Be in one of the following categories:
   a. A college graduate who is taking courses leading to the Collegiate Professional Certificate.
   b. Be a holder of the Collegiate or the Collegiate Professional Certificate who is taking courses leading to an acceptable endorsement not now on his certificate in order to prepare for a teaching assignment, effective in the fall of the current year.
   c. Have two or more years of college work (at least 60 semester hours) and be enrolled in courses leading to a degree. This includes holders of the Normal Professional Certificate, and Emergency Teachers License (or
equivalent). Consideration will be given to applications of a limited number of teachers who have completed less than 60 semester hours of college work. Such applications will be processed as special cases in terms of the recommendation of the division superintendent and the availability of teacher scholarship funds.

d. A former teacher who is taking, at the request of the division superintendent who is employing him, specific summer school courses to prepare for the resumption of teaching.

e. Who is taking courses in Guidance or Education of the Handicapped at the request of the employing superintendent.

B. PROMISSORY NOTES AND CANCELLATION

The candidate must agree to sign and execute a note to the Commonwealth of Virginia for the amount of scholarship aid received, which obligation shall bear interest at the rate of 3 per cent per year. This note must be endorsed by a responsible adult, who is a resident of Virginia. The obligation including interest can be cancelled by teaching the following year in the public schools of Virginia. The State Board of Education may, in its discretion, postpone the period of teaching to cancel the scholarship.

The candidate must agree that in case he or she fails to complete at the expected time, the study for which aid is given, or fails to complete at the expected time, the year of teaching necessary to cancel the obligation, the loan, together with accrued interest, will become due and payable; 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.
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 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 will become 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.

C. APPLICATION PROCEDURE

1. The Division Superintendent of Schools under whom the applicant has taught or will teach must recommend the candidate on the official application form and must indicate intention of re-employing the candidate as a teacher.

2. In establishing quotas for the various school divisions, the total number of teachers in each division will be the primary factor. Any unused part of the quotas authorized for divisions will be reallocated from time to time to divisions where they can be advantageously used. In considering applications for scholarships, preference may be given to applicants preparing to serve in the areas of greatest need.

3. Applications may be obtained from the division superintendents and must be submitted to the State Department of Education by April fifteenth of each year.

D. PAYMENT TO TEACHERS

When the State Board has approved a candidate and the candidate has submitted a properly completed promissory note and has been reported by the college as enrolled in suitable courses in the summer session of a Virginia accredited college, a check will be sent to the candidate in care of the college. The
scholarship allowance varies with the number of semester hours taken. Fifteen dollars ($15.00) per semester hour will be allowed as follows: Minimum—3 semester hours—$45.00; 4 semester hours—$60.00; 5 semester hours—$75.00; 6 semester hours—$90.00; 7 semester hours—$105.00; 8 semester hours—$120.00; 9 semester hours—$135.00; 10 semester hours—$150.00 (maximum).

E. EFFECTIVE DATE

These regulations became effective July 1, 1958.

II. Prorated Summer Quarter State Teachers Scholarships (for students currently enrolled in college and for teachers who attend summer school and plan to continue on in college for the regular session).

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. A qualified 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 State Teachers Scholarship. This study should consist of approximately ten (10) 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 for a full class load of ten (10) semester hours. (Minimum six (6) semester hours. Rate $12.00 per semester hour not to exceed $117.00 for the summer quarter.) The qualifications are: Be a resident of Virginia enrolled in an approved course of study which includes student teaching and qualifies him for a Collegiate Professional Certificate, and possess scholastic ability and personal characteristics desirable for teaching. These scholarship obligations may be cancelled with no repayment of money, by teaching after graduation from college one full school year in the Virginia Public Schools for each scholarship held. Applications may be obtained from the Office of Admissions upon request from February first to April first.
III. Student Employment Scholarships

Dining Hall Waitresses: Approximately twenty (20) students are employed as waitresses in the three dining rooms at Madison College during the Summer Session, and for their services, they receive compensation for the session equal to the charges for room, board, and laundry.

Ten-Hour Service: The College provides about forty (40) employment scholarships for students who serve as assistants in the library, supply room, laboratories, administrative offices, and as recreational director. The compensation for these positions is approximately $64.00 for ten hours work per week for the Summer Session.

LOANS

Madison College has a number of State and private loan funds available to worthy students who are able to furnish satisfactory security. A student may borrow a substantial amount for a summer session from these funds at 3 per cent interest. The interest is payable on a yearly basis and the repayment of a loan must be within a period of five years from date of a loan.

Madison is also participating in the National Defense Student Loan Program. A student may borrow up to $1,000.00 a year from this loan fund with a maximum limit of $5,000.00. This loan bears no interest while the student is in college and he has up to ten years to repay it. If a student will teach after graduation, one-half of the loan will be cancelled over a period of five years. These loans are granted upon the bases of ability and need with priority accorded the students enrolled in the five critical areas of teaching, mathematics, science, engineering, and foreign languages.

APPLICATION PROCEDURE

Students desiring to apply for a Prorated Summer Quarter Teachers or Student Employment Scholarship, or wishing to borrow from the loan funds, may obtain an application blank from the Office of Admissions and Student Aid, Madison College. These applications should be filed as early as possible.
Harrisonburg is a delightful city of 12,500 people, situated near the center of the beautiful Shenandoah Valley, midway between the Alleghany Mountains and the Blue Ridge. The colorings and outlines of the mountains form an attractive and inspiring background for the College. The elevation of 1,300 feet insures an invigorating atmosphere and cool nights. Splendid soft freestone water is supplied to the College by the city from its watershed in the Shenandoah Mountains fifteen miles away.

The presence in the Valley of a number of caverns, the Shenandoah National Park, the Skyline Drive, the George Washington National Forest, the Natural Bridge, and a great variety of alluring mountain scenery, is making this section of Virginia one of the great playgrounds of America for the vacation-seeker and tourist.

BUILDINGS AND GROUNDS

The College campus consists of 294 acres facing on the famous Valley Pike, the Main Street of the City of Harrisonburg. The College plant is striking in appearance and represents a total value in excess of $10,000,000. The College group consists of thirty-three buildings; twenty-two of them being constructed of native blue limestone with red-tiled roofs. The College plant embraces an administration building, Wilson Hall; a service building, Harrison Hall; a science building, Burruss Hall; a home economics building, Moody Hall; the health education building, Keezell Hall; a business education building, Maury Hall; the Madison Memorial Library; a student activities building, Alumnae Hall; the Anthony-Seeger Campus School; Walter Reed Infirmary; the President's residence, Hillcrest; Varner House, a home management house for home economics; Wellington Apartments for faculty members; and eighteen dormitories or residence halls—Jackson, Ashby, Spotswood, Sheldon, Johnston, Converse Hall, Cleveland Hall, Logan Hall, Gifford
Hall, Wayland Hall, Carter House, Lincoln House, Messick House, Sprinkel House, Zirkle House, Nicholas House, Baker House and Shenandoah Apartments. The special facilities include two gymnasiums and an indoor swimming pool.

**Library**

The Madison Memorial Library building, constructed in 1939, contains over 100,000 volumes which have been carefully selected to implement the instructional program of the College and to help the student gain a cultural background for personal growth. The book collection is supplemented by over 443 current periodicals and fourteen newspapers and by collections of films, film-slides, recordings, and pamphlets. The Library is organized to give students maximum freedom in the use of all library materials. Five professionally trained librarians are available to give assistance in reference and bibliographical problems.

**Laboratories**

Ample laboratory facilities are available for work in biology, chemistry, physics, home economics, audio-visual education, and fine and industrial arts. The kitchen, dining halls, and the College tearoom are used as laboratory facilities in institution management.
STUDENT LIFE

LIVING ACCOMMODATIONS

Adequate Facilities

The College is able to supply ample dormitory and dining room accommodations to all of its students without crowding. All students will be able to secure dormitory rooms with only two occupants and there will be a number of rooms, at a small additional cost, for one occupant only.

Women Students

Women boarding students who do not live at home or with near relatives must live on the campus. Students will not be admitted to the College unless their living arrangements are approved by the President.

Men Students

Men are admitted to the Summer Session. Some housing accommodations are available. Men desiring to live on campus should make a room reservation with the Office of the Dean.

Mothers and Their Children

For approximately fifteen years, Madison College has provided dormitory and other campus facilities for mothers who bring children with them to the summer session. The plan has provided a very valuable arrangement for mothers with children to continue to take courses for their degrees and for certificate renewals. Throughout the period since this plan was established, mothers with children who have participated in this program have complimented it very highly and have felt it has met a real need by providing a convenient and economical way for them to continue working toward their degree.

Excerpts from one of the letters received in comment of this program is somewhat typical of the comments made by other participants.
Many teachers who are also mothers are surprised to find that it is not only possible but also convenient to attend Summer School at Madison College in the heart of the Shenandoah Valley for a degree or the renewal of certificates without the worry of being separated from their children.

“Getting a degree isn’t such a tough proposition, after all, if your family is having fun while coming with you. It is no wonder that the children want to come back, and do, summer after summer.”

School age children may attend the Anthony-Seeger Campus school during the day. There are no summer nursery school facilities for preschool children, but mothers may find baby sitters among the students. However, the College administration in no way provides for such services.

Usually, daily periods of organized recreation for the children are offered by the Department of Physical and Health Education. The children are also allowed to attend other recreational functions sponsored by the College, including weekly campus movies.

Limited medical care is provided for children at the twenty-six bed College Infirmary. The College maintains a health service staff of one physician and three nurses for outpatient service.

The College provides laundry services for the children. The charges for room, board and laundry for a child are the same as for an adult ($105.00 for Eight-Week Session). In case of absence of a child from the campus for one week or longer the charges will be reduced only for meals and laundry.

In making reservations for children, the age and sex of each child should be given.

DINING HALL AND TEAROOM

The College is splendidly equipped with modern kitchen equipment and three beautiful dining halls that will accommodate 1,000 students at one time. Meals are scientifically planned and prepared under the direction of a trained dietitian. The College tearoom will furnish lunch for day students who wish such provisions.
STUDENT ACTIVITIES AND RECREATION

VARIED PROGRAM

As far as possible the student activities of the Winter Session are carried over into the Summer Session in order to develop the loyalty and the school spirit that are so characteristic of the students of the College. A student government and an honor system are developed to take care of the major problems of student government. Swimming, basketball, volleyball, tennis, archery, and other activities are provided for; and class organizations and a chorus are formed. The local chapter of the national scholarship society, Kappa Delta Pi, also functions regularly in the Summer Session. Every student is urged to take part in some co-curricular activity.

MOTION PICTURES

The College has the most improved type of motion picture equipment and will show motion pictures of both educational and popular type during the Summer Session. The cost is provided for in the regular fees.

LYCEUM COURSE

During the coming Summer the College will provide for the students a limited series of lectures and entertainments. When these features are combined with the student activities the program of recreation should provide that spirit of happiness and congeniality that is essential to the most successful work.

INSTITUTE ON PUBLIC EDUCATION

In the Summer Session of 1944, a one-day Institute on Public Education was held at Madison College. The interest that was shown led to the establishment of the Institute as a permanent feature. The conference for 1962 will be on some timely topic in current education and will, in all likelihood, be held on the evening of July 10 and during the day on July 11. A program
will be sent later to interested teachers, school administrators, and patrons.

**Week-End Camp on Shenandoah River**

A distinct feature of the Summer Session at Madison is the use of the College Camp on the Shenandoah River. A farm on the river above Port Republic has been converted into a camp where students in large groups may go to spend a few days in recreation. The camp is used liberally by Summer students.

**Government of Students**

**Student-Centered**

In the main, student social welfare, dormitory life, and discipline are maintained by student self-government but the final authority and responsibility for the results attained by student government rest with the President and the Faculty of the College.

**Regulations of Social Life**

Every effort is made to make student life in the Summer Session enjoyable as well as profitable. Entertainments, receptions, excursions, and like social activities are encouraged, and a happy and congenial group spirit is developed.

In regard to social conduct, every student is required to conform strictly and sympathetically to the regulations of the student government association and the school authorities.

**Honor System**

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 all phases of student life.

The jurisdiction of the Honor Council shall extend to all cases involving cheating, lying, stealing, or failure to report
one of the above breaches of honor. The jurisdiction of the Honor Council shall not extend to violations of administrative and student government rules and regulations, unless they involve cheating, lying, stealing, and failure to report one of these breaches of honor.

All scholastic work, whether in the classroom or out, shall be the student's own, and shall be done in accordance with the requirement of the professor. Students may work together if the professor permits it. Otherwise, all papers, parallel reading, experiments, and tests shall be each individual student's work. Each professor shall explain his requirements to each class, and a copy of this shall be filed with the Honor Council. If there is any doubt, the student should consult the professor.

The student who gives illegal aid is as responsible as is the student who receives it. A student's signature on a paper shall be his pledge.

The Honor System has been violated if a student is referred to the Honor Council by the Student Council as having intentionally falsified any record, or deliberately fails to tell the truth when questioned by campus authorities, members of the faculty, or members of the Student or Honor Councils during an investigation, hearing or trial. A statement of a libelous nature circulated by one student about another shall be regarded as a violation of the Honor System. Lying during an investigation, hearing or trial in connection with the violation of a social rule or college regulation shall come under the jurisdiction of the Honor Council, but the breaking of a rule or regulation shall not come under its jurisdiction.

Deliberate appropriation of another's property or money constitutes a violation of the Honor System.

Failure to report an offense constitutes a violation of the Honor System.

Any student conscious that he has violated the Honor System should report himself to a member of the Honor Council.

Any student who observes a violation of the Honor System shall, if possible, solicit the aid of a witness to the act and the
two must promptly investigate the violation. If they feel they have sufficient evidence, they shall ask the accused for an explanation.

If it is unsatisfactory, they shall request the accused to report himself to the Honor Council within two days. When he reports himself he shall also give the names of his accusers, who shall be notified by the Honor Council that he has reported himself. If the accused does not report himself within two days, the accusers shall report the violation to any member of the Honor Council.

A faculty member observing a violation of the Honor System will speak to the student recommending that he report himself to a member of the Honor Council. If he fails to do so within the two-day period, the faculty member shall then report the offense to the Honor Council.

If any student observes a violation of the Honor System and fails to report it, he too has violated the principles of honor. Reporting an offense is preserving the integrity of the group.

Any student who reports himself or who is reported to the Honor Council shall have the right to a full and impartial hearing by that body, and any conviction shall be based on a two-thirds vote of the full membership of the Honor Council. If the charges are not upheld, the details of the hearing shall be deleted from the minutes.

Violations of the honor code by graduate students are referred to the Graduate Council for consideration and action.

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 College does not have a long list of rules and regulations, but the following general statements cover the most important matters and must be observed:
1. Students are required to attend classes and all other regular exercises of the College from the first day of the session to the closing day unless excused.

2. Permission for absence from classes is given only on account of sickness or some emergency.

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

4. Women students who room in town must live in homes approved by the President of the College.

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

6. No resident student of the College may leave her dormitory for the night without the approval of the 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 for “mature” students.)

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

8. The College does not permit hazing in any form.

9. The power to suspend or dismiss students is vested only 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 Council or the Honor Council must be
reviewed by the Faculty Judiciary Committee which will submit its recommendations to the President before final action is taken. The President may suspend or dismiss students for such violations or for other serious misconduct.

10. 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.

11. Students may not use in their bedrooms any electrical appliances except radios and hair dryers.

12. 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, or 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.

13. No solicitation such as taking of orders or selling of merchandise to students and employees is permitted in the building or on the grounds of the College.

14. A resident student who disturbs the sleep or study of other students will forfeit the right to a room in a college residence hall.
15. Good citizenship as well as satisfactory scholastic achievement is required of all students at all times, and students who conduct themselves in such manner as to injure the good name of the College may be required to withdraw.

**Advanced and Mature Students**

Advanced and mature students are granted by the Faculty of the College special privileges which allow greater freedom. Such students are placed, as far as practicable, in separate dormitories.
SPECIAL NOTICES

MINIMUM CLASS SIZE

The College reserves the right not to organize any class for which there are fewer than eight applicants.

POST OFFICE BOXES

All students, both day students and boarding students, are required to obtain post office boxes at the College.

ENROLLING CHILDREN IN THE ANTHONY-SEEGER CAMPUS SCHOOL

Students of the Summer Session who bring children with them may enroll their children in the Anthony-Seeger Campus School. Students who do plan to have their children attend the Campus School should write to Mr. Lewis O. Turner, at the College, informing him concerning the age and grade placement of the children. This should be done before May 15.

PETS

No pets are permitted on the Campus at Madison.

STUDY LAMPS

The College does not provide desk lamps. If students desire to use desk lamps, they are asked to bring them.

BED LINEN

Bed linen is furnished by the College. One bath towel and one face towel are supplied each week. If additional towels are desired, students are asked to bring them.

CLASSES IN MORNING

The College arranges its class schedule so that most of the classes are completed during the morning session. Only one
class period is scheduled in the afternoon. This schedule means that most students have time in which to get into the open air and take trips to nearby caverns and points of historical interest, thus renewing their physical strength as they improve their professional qualifications.

SATURDAY CLASSES

Classes will not be held on Saturdays.

EXCUSES FOR ABSENCES

Excuses for necessary absences for women are obtained from Mrs. Garber, Dean of Women. Excuses for men are obtained from Mr. Tolbert, Dean of Students. Excuses for absences should be secured prior to the absences, if possible.

ROOM RESERVATIONS

Rooms for the 1962 Summer Session will be assigned in the order that applications are received in the Office of the Dean of the College.

When two or more students, or groups of students, apply for the same room, the room will be assigned to the student or group filing the earliest application.

If you plan to attend the 1962 Summer Session, please fill in the application form in the back of the catalog. Please supply all information requested concerning the room reservation.

A reservation fee of $5.00 must be submitted with your application. A room cannot be reserved for you until this fee is paid. It will be returned to you if you cancel your reservation prior to May first. It will be forfeited if you cancel your reservation after May first or if you fail to attend the 1962 Summer Session.

ROOM ASSIGNMENTS

Students are asked to go to the Office of the Dean of Women in Alumnae Hall to verify their room assignments. All boarding students (both men and women) are requested to report to the Office of the Dean of Women prior to 10:00 p.m. the day of arrival on campus.
DINING ROOM

The first meal for Intersession students will be breakfast on Monday morning, June 11.

The first meal for Eight-Week Summer Session students will be supper on Sunday evening, June 17. The last meal served in the dining hall during the Summer Session will be breakfast on Saturday, August 11.

HOURS OF REGISTRATION

EIGHT-WEEK SESSION

Undergraduate Courses

Registration will begin at 9:00 A.M. in Wilson Auditorium on Monday, June 18. Complete schedule of registration hours is as follows:

9:00 A.M. to Noon and 1:30 P.M. to 4:30 P.M. (Faculty meeting 8:00 A.M.)

INTERSESSION

Registration for the Intersession will commence at 8:00 A.M. on Monday, June 11. Students are asked to report to Keezell Gymnasium.

SIX-WEEK SESSION

Graduate Courses

Students who wish to take courses offered during the Six-Week Session and who have not registered previously for the courses are requested to report to Wilson Hall, Room 25, on Monday, July 2, at 8:00 A.M. for instructions.

GRADUATION EXERCISES

Graduation exercises for the Summer Session will be held on Friday, August 10, 1962, 8:00 P.M., Wilson Auditorium.
GENERAL INFORMATION

PURPOSES OF THE SUMMER SESSION

The program for the 1962 Summer Session has been designed to serve a wide variety of students. A considerable portion of the Summer enrollment each year consists of teachers and administrators in public and private schools who wish to improve their professional competence. Courses and seminars have been provided to meet the needs of this large group of students.

Courses are also provided to meet the needs of students who are in college during the regular school year. A substantial offering in the various academic subjects is a feature of the Summer Session.

The Summer Session program is especially designed for:

1. Teachers who wish to meet the requirements for the bachelor's degree.
2. Teachers who desire to earn credits to be used in renewing certificates.
3. Teachers interested in attaining more competence as a result of study in specific fields or areas of work.
4. Graduates of liberal arts colleges who wish to qualify for the Collegiate Professional Certificate.
5. Students currently enrolled in the regular session who wish to accelerate their programs, or who desire to adjust any irregularities in their programs of study.
6. High school graduates who wish to enter college during the summer, and who may want to complete their work for a degree in three calendar years.
7. Special students who wish to study during the Summer Session. Students from other colleges are welcomed.
8. Students who desire to take graduate courses in education.
9. Students who wish to study for the degrees of Master of Arts in Education, Master of Science in Education, or Master of Science.
ADDITIONAL COLLEGE CREDITS

Students at other colleges have found in the past through the wide ranges of courses offered here a fine opportunity to make up deficiencies and secure advanced credit toward degrees.

ANTHONY-SEEGER CAMPUS SCHOOL FOR DEMONSTRATION AND STUDENT TEACHING

The Anthony-Seeger Campus School will be in operation during the Summer term. There will be four groups of elementary children. All groups will be at the Anthony-Seeger Campus School and all observations and directed teaching will be done there.

The supervisors in the Campus School are all experienced and successful teachers. Each supervisor will teach demonstration lessons for college classes.

DIRECTED TEACHING FOR TRANSFERS FROM OTHER COLLEGES

In the Summer of 1962 there will be opportunity for a few students from other colleges to take directed teaching. These students must include in the prerequisites for teaching recent work in elementary or secondary education courses, according to the level at which each will want to teach. Unless this recent work includes actual participation in classroom activities, the student will be asked to do such work before or during the period of teaching.

Students wishing to teach their first term of residence in the College will be asked to furnish a statement concerning suitable personality for teaching from a responsible person in their college or school system.

All questions concerning enrollment for teaching should be arranged through writing directly to Mr. Raymond J. Pindexter, Director of Laboratory School Experiences, as early as possible.
BROADENING ONE'S GENERAL EDUCATION AND PROFESSIONAL QUALIFICATIONS

Through the courses offered, through the library and laboratory facilities, and through the special lectures and lyceum numbers, teachers and other professional workers will find in the Summer Session both the atmosphere and the opportunity for real cultural development. Auditors and observers not seeking credit will have all other fees but board reduced to approximately one-half the usual rate. Many teachers find this an opportunity for real physical and mental renewal at a very inexpensive rate.

PLANNING A PROGRAM OF STUDY

Correspondence with the Dean of the College, with the Registrar, with heads of departments, or with members of the faculty and administrative staff, will enable prospective students to secure additional information about curricula, and the nature of courses offered in different departments, and to develop a specific plan for graduation. If prospective students have credits from other higher institutions, it is best to ask the proper person in such schools to send the credits to the Registrar of this College at an early date.

THE ACCELERATED PROGRAM

When the need for educated service is as great as it is today, many students desire to complete their education as quickly as possible. Madison College was the first Virginia college to organize its work on an all-year basis. It has been possible for more than thirty years for students to complete a four-year curriculum at Madison College in three years by taking work in the Summer Session as well as in the Winter Sessions.

ACCELERATION FOR FRESHMAN STUDENTS

Acceleration for freshmen may be accomplished by freshmen entering college in June and completing the work three years hence.
In the opinion of the College, it is better for all freshmen to enter together in September and pursue a regular program throughout the first, usually the most difficult year of college. The freshmen who begin work in the Summer Session must continue throughout the first year and sometimes longer with an irregular program.

Freshmen are admitted in June, however, and a program of study will be arranged for each entering freshman by the Dean of the College.

**The Accelerated Program for Upper Classmen**

Upper classmen who plan to finish a four-year curriculum in three calendar years will need to make choices with special care in the Summer Session. Wherever it is possible to take complete sequences or work off short course requirements, much gain will be had in relieving possible conflicts later on.

Except for entering freshmen, students should secure the assistance of Curriculum Advisors for their particular curriculum. The chairmen of these advisory groups for the summer are as follows: Curriculum I, Miss Winn; Curriculum II, Mr. Stewart; Curriculum III, Mr. Dingledine; Curricula IV, IX, and X, Miss Rowe; Curricula V and XI, Mr. Dickerson; Curricula VI and XII, Mr. Bucher; Curriculum VII, Mrs. Rauch; Curriculum VIII, Mr. Ikenberry; and pre-professional programs, Mr. Mengebier.
THE GRADUATE PROGRAM OF MADISON COLLEGE

AUTHORIZATION
Madison College was authorized by the State Board of Education at its meeting in March, 1954, to offer the degrees of Master of Arts in Education and Master of Science in Education. On October 31, 1960, the State Board of Education authorized the College to offer the Master of Science degree.

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 State Board of Education.

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

ADMISSION TO GRADUATE STUDY
The applicant must possess a bachelor's degree from a college regarded as standard by Madison College and by a recognized regional or national accrediting agency. Application forms for admission may be obtained from the Dean of the College, who serves as chairman of the Graduate Council. These forms should be completed and returned to the Dean before the opening of the term in which the applicant desires to enroll. Each applicant must also submit a transcript of his undergraduate record and of any graduate work completed. The applicant's record must be approved by the Graduate Council before he is admitted to candidacy for a graduate degree. 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 required by the Graduate Council. Such courses, if required, do not count for graduate credit. Admission to graduate study does not imply admission to candidacy for a degree.
STUDENT ADVISORY COMMITTEES

The Graduate Council in cooperation with the student and departments concerned shall name a special Advisory Committee of three 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, one from the department in which the student is minoring, and the third from some other department of the College. The faculty member from the major department shall serve as chairman of the Advisory Committee. The Dean of the College is an ex officio member of all Advisory Committees. He, or someone designated by him, will serve as chairman for all oral examinations.

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 and a third member of the faculty from some other department will complete the committee. The major professor under whom the thesis is being completed must be a member of the committee.

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

ADMISSION TO CANDIDACY FOR A DEGREE

In order to insure that the graduate degree represents a high quality of work, candidates for the degree will be selected carefully. The applicant shall not be admitted to candidacy for a degree until he has demonstrated sufficient aptitude for graduate work in courses taken at Madison.

After completion of a minimum of nine semester hours at Madison College, with at least three semester hours credit in each of the proposed major and minor fields, the candidate for the degree must submit the results of the Graduate Record Examination and a transcript of the grades obtained at Madison College to the Council for examination. After discussion with the Department Heads involved, the Graduate Council will pass on the application.
Academic Requirements. The candidate must complete (a) twenty-four semester hours of graduate work and submit a thesis, or (b) thirty semester hours of graduate work without a thesis, for the degree of Master of Arts in Education or the degree of Master of Science in Education, depending upon the concentration. The degree of Master of Arts in Education will be used for those graduate students whose majors or minors are in the Humanities' fields and the Social Science fields, and the degree of Master of Science in Education will be used for those graduate students who are carrying majors or minors in mathematics, science, and certain special subject fields. A student who is majoring in education may apply for either the Master of Arts in Education or the Master of Science in Education degree. It is understood that independent research will be required in all programs. The candidate must earn a grade of "B" or better in each course. At least forty per cent of the courses included in the student's program shall be those designated as exclusively for graduate students. No graduate credit will be granted for work done in any course to which undergraduates are admitted unless the student is enrolled in that course as a graduate student.

At least eighteen semester hours of the student's work (or twelve semester hours and a thesis) shall be in the major field of concentration (one field or related fields) with at least nine semester hours in a minor field. Students whose special interests are in elementary education, however, may be permitted six semester hours in each of two related fields with the approval of the Graduate Council. Either the major or the minor must be in the field of education. At least six semester hours of the minor must be obtained by taking courses at Madison College. If the applicant does not hold the Collegiate Professional Certificate, or its equivalent, he must obtain such a certificate before the degree is conferred unless excused by the Graduate Council.
Residence Requirements. A student must be in residence for at least one academic year or its equivalent in Summer Sessions before receiving the degree. A Summer Session of graduate study at another Virginia institution may be accepted toward the residence requirement at Madison. Evening courses held on the campus will be counted in meeting residence requirements at Madison.

Examination Requirements. If the student does not write a thesis the final comprehensive examination will be written. If the student does write a thesis the final comprehensive will be oral.

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

Thesis Requirements. A thesis in the major field of interest and completed to the satisfaction of the Student's Advisory Committee and the Graduate Council may be submitted in partial fulfillment of the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work.

Students who elect additional course work in lieu of a thesis must earn a total of thirty semester hours in graduate courses.

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

The thesis shall consist of a written interpretation of a body of facts and opinions gained through critical reading and independent research. There must be an adequate analysis of the assembled data. The thesis must be prepared according to the general requirements established by the Graduate Council and must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability. Three unbound copies of the thesis must be filed with the Chairman of the Graduate Council not later than two weeks before the date of graduation.
REQUIREDMENTS FOR THE MASTER OF
SCIENCE DEGREE

Academic Requirements. The candidate must complete
twenty-four hours of graduate work and submit a thesis. A
minimum of eighteen hours must be completed in the major
field. No graduate credit will be given for a grade below “B”.
At least forty per cent of the courses included in the student’s
program shall be those designated as exclusively for graduate
students. No graduate credit will be granted for work done in
any course to which undergraduates are admitted unless the
student is enrolled in that course as a graduate student. If the
applicant does not hold the Collegiate Professional Certificate,
or its equivalent, he must obtain such a certificate before the
degree is conferred unless excused by the Graduate Council.

CREDITS BY TRANSFER

Six hours of graduate work from an accredited college or
university may be applied to the requirements for the degree
upon approval of the head of the major department and the
Dean of the College. Approval to take graduate courses at other
institutions must be obtained prior to enrolling in the courses.

SCHOLARSHIP REQUIREMENTS

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

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

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

**TIME LIMIT**

A graduate student is expected to 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.

**MAJOR AND MINOR FIELDS**

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

**GRADUATE COURSES IN SUMMER SESSIONS**

Beginning with the 1955 Summer Session graduate courses were offered in the Intersession and in a Six-Week Session which followed the Intersession. Courses offered during the Intersession of 1962 will have fifteen class meetings of two hours and forty minutes each and give three semester hours of credit. Graduate courses taught during the Six-Week Session will meet for one hour and twenty minutes, five days a week. Each course will give three semester hours of credit. By attending both the Intersession and the Six-Week Session a student may earn a total of nine semester hours of credit.

By attending the Intersession and Six-Week Session and by taking evening classes at Madison College or extension classes during the regular sessions it is possible for a student to complete the work for a Master's degree in two calendar years.

**INTERSESSION**

The Intersession will begin on June 11 and continue through June 29. Classes will not be held on Saturdays.

**SIX-WEEK SESSION**

The Six-Week Session will begin on July 2 and continue through August 10. Classes will not be held on Saturdays.
FEATURED OFFERINGS OF THE SUMMER SESSION

GRADUATE COURSES

In the 1962 Summer Session graduate courses will be offered in the following fields: art, biology, business education, chemistry, education, English, geography, home economics, mathematics, music, physical education and health, physical science, physics, and social science and history. The courses are described in the last section of this catalog.

SCIENCE INSTITUTE

The Division of Natural Sciences will sponsor a six-week science institute for certified secondary science teachers from July 2 through August 10, 1962. Funds to pay the expenses of participating teachers will be provided by the State Department of Education from funds appropriated by the 1960 General Assembly.

The purpose of the institute is to help the science teachers of Virginia improve their teaching through science courses and other special programs.

The main part of the institute will consist of courses in biology, chemistry, geology and physics. Undergraduate level courses may be taken by students who are deficient in chemistry, geology or physics. Graduate level biology, chemistry and physics courses will be available for students who wish to pursue a program leading to a Master of Science degree. Students enrolling in the graduate courses must be accepted in the graduate program at Madison College.

Junior and senior high school science teachers wishing to enroll in the institute should contact their division superintendent and Dean Percy H. Warren of Madison College.

The charge for room, board, and laundry will be $80.00 (two in a room); other fees will be: tuition, $80.00, and campus fee, $2.00. The College reserves the right to adjust these fees and charges if deemed advisable.
Today even though one does not engage in some occupation requiring specialization in science, to live intelligently he needs a knowledge of science, and facility in the use of the scientific method as a way of thinking and a method of problem solving. One needs to have a comprehension of the contribution science may make in developing health, safety, security, comfort—in improving the quality of living of all mankind.

Science for the elementary school child is in his everyday living. The purposes of this course are: (a) to provide a general subject matter background in important areas of biological and physical science; (b) to help teachers to make the normal experience of day to day living meaningful to children; and (c) to develop and organize useful materials and procedures in science at various grade levels and in various classroom situations.

The following types of activities will be jointly planned by students and instructors:

1. Classroom and small group discussions.
2. Laboratory work by small groups of students on projects directly applicable to elementary school situations.
3. Studies of the literature in elementary school science.
4. Practical experience in student-instructor planning. The areas in science that are to be studied will be jointly identified by students and instructors, thus simulating, to some extent, the manner in which science instruction should be carried out in an elementary school classroom.
5. Participation in field trips and evaluations of various teaching aids especially audio-visual materials.

The course will cover a five-week period and will give six semester hours of credit.

The charge for room, board, and laundry will be $66.00 (two in a room); other fees will be: tuition, $80.00, and campus fee, $2.00. The College reserves the right to adjust these fees and charges if deemed advisable.

(See pages 85-86)
ENGLISH AND SPEECH FOR TEACHERS

During the 1962 Summer Session, the English Department will offer courses in English and speech designed for prospective and practicing teachers. Men and women teaching elementary or secondary English will find these courses helpful—either as refresher courses or as work toward a degree.

English 1-2, Reading and Composition, is so planned that students entering college for the first time may complete a full year's requirement in one Summer Session.

Speech 29, Voice and Diction, and English 90, Advanced English Grammar, are designed to be especially helpful to teachers. English 33-34, Introduction to Literature, provides a general education course in the interpretation and appreciation of poetry, fiction, and the drama. English 47-48, Survey of American Literature, gives students a survey of the chief masterworks of their American literary heritage. English 69, Shakespeare, and English 58, World Literature, offer an excellent opportunity for teachers to broaden and deepen their literary interests.

Two graduate courses are available: English 101, Growth and Structure of the English Language, and 201, Shakespeare. Approved undergraduates may be admitted to English 101.

(For additional information regarding these and other English courses, see pages 75-78.)

COURSES IN BUSINESS AND BUSINESS EDUCATION

The Department of Business and Business Education offers in the summer program courses designed to fit into the curriculum of beginning or advanced students.

The business curricula provides preparation for business teacher education, secretarial science, and business administration.

(See pages 96-98)
EDUCATION AND PSYCHOLOGY DEPARTMENT

Among the several courses planned for prospective and in-service teachers during the 1962 Summer Session by the Department of Education and Psychology will be two programs available for the first time. These workshop type experiences are designed for graduate students, but are open to approved undergraduates. Because of the available facilities and the approach to these courses, enrollment will be limited. Letters of application should be directed to Dr. Charles G. Caldwell, Head of the Department of Education and Psychology, by May 15, 1962.

EDUCATIONAL TELEVISION
(June 11—June 29)

A workshop approach will be used to the problems encountered in the use of educational television as an instructional tool. Directed by Mrs. Mary Anne Franklin, producer of the television instruction series of the Richmond School System, the following types of activities will be among those cooperatively planned by students and consultants:

1. Classroom lectures and small group discussions.
2. Studies of available research.
3. Laboratory work by small groups in closed circuit television.
4. The preparation and production of kinescopes.
5. Participation in field trips.
7. Conferences with visiting consultants.

Students will register for Ed. 100B, Seminar in Education and Psychology: Educational Television. (See pages 111-112)

ELEMENTARY EDUCATION
(June 18—August 10)

This experience will be planned using the workshop approach. The Director, Mr. Lewis O. Turner, Director of the Anthony-Seeger Campus School, will lead participants in a
study and evaluation of newer organizational and instructional methods in elementary education.

Programmed learning, team teaching, the second language, machine teaching, the ungraded primary, and other modern developments will be studied.

Students will register for Ed. 100A. Seminar in Education and Psychology: The Elementary School. (See page 112)

HOME ECONOMICS PROGRAM

Courses in home economics for the Summer Session are planned for three groups of students: first, students who wish to accelerate their programs; second, students who wish to elect courses in home economics; third, students who choose home economics as a minor in the graduate program.

(See pages 98-99)

PROGRAM IN LIBRARY SCIENCE

Courses in library science are planned both for students who wish to become school librarians and for students who wish to become teachers in the elementary or secondary schools. Prospective school librarians may satisfy the minimum requirements of the State Department of Education for an endorsement of their Collegiate Professional Certificate by completing the courses required for a minor in library science. For more effective service in school librarianship, students should complete the courses required for a major in library science. Students preparing to become teachers can benefit from the courses in library resources for children and for young people.

The Library Science Department occupies a suite of rooms in the Madison Memorial Library where a collection of books on library science and a collection of juvenile books are housed. Desks and typewriters are available in the laboratory for student use.

(See pages 99-101)
The College offers a course in Audio-Visual Materials which is designed to acquaint teachers with the films, film strips, slides, and recordings used in the public schools in Virginia, and to provide instruction and practice in the use of various kinds of audio-visual equipment.

The course is recommended for persons who wish to be qualified as teaching materials representatives in the schools for service from the bureaus of teaching materials established by the State Board of Education and for teachers who wish to learn how to make more effective use of audio-visual materials in the classroom. A Regional Bureau of Teaching Materials is located at the College and the films which the Bureau contains are available for the course.

(See page 100)

MATHEMATICS COURSES FOR TEACHERS

Two special courses for teachers of high school mathematics will be offered during the 1962 summer session. One of these courses, Mathematics 70s, SMSG Basic Concepts of Mathematics, will examine critically the textbook materials of the School Mathematics Study Group junior high program. The other, Mathematics 80s, SMSG Modern Geometry, will be concerned with the SMSG tenth grade geometry course. These courses will provide an adequate background for teaching the School Mathematics Study Group courses proposed for the junior high program as well as the tenth grade geometry course. The courses will be related directly to the high school mathematics program as it is being currently developed. A study of this material should also prove very helpful in improving the teaching of the traditional courses in high school mathematics.

Two graduate courses will be offered in the Six-Week Session as follows: Mathematics 220, Introduction to Analysis, and Mathematics 150, Theory of Numbers.

For additional information regarding these courses see pages 91-92.
ADMISSION, CLASSIFICATION
AND GRADUATION

ADMISSION OF STUDENTS

APPLICATION

An application for admission blank appears at the back of this catalog. In order to secure a more satisfactory room assignment, the application, along with the $5.00 deposit fee for a room reservation, should be submitted as early as possible, preferably by May first.

1. The following students are eligible to apply for admission to the College:

A. Graduates of high schools and private secondary schools accredited by the Department of Education of the State in which the school is located. A satisfactory report on the applicant's scholastic record, character, personality, and intellectual promise must be given on the uniform transcript blank used for admission purposes by Madison College. Each application is considered upon its individual merits after a careful study of the applicant's transcript. In addition to scholarship, due consideration is also given to such other factors as earnestness of purpose, personality, character, and general background.

If the student enters the Summer Session with the intention of continuing on for the regular session, he must submit to the Director of Admissions an acceptable score on the Scholastic Aptitude Test of the College Entrance Examination Board (morning session).

B. Advanced students who wish to transfer from other recognized colleges and universities. Students who have completed a term, a semester, a year or more of work in some other accredited collegiate institution with a good scholastic record and honorable dismissal will also be considered for admission. Transcripts are required for all work completed in college. (See "Advanced Standing," pages 60-61)
Requirements

All applicants for admission who have not previously attended college must be approved by the Director of Admissions and Student Aid in accordance with policies established by the College Committee on Admissions and Student Aid. Since Madison College is interested in enrolling students who have, to a high degree, the qualifications for intellectual and social leadership, the standards for admission fixed by the Committee are such as to insure the selection of well-qualified students. Those who have fine character, pleasing personality, good mental ability, excellent physical and mental health, and sincerity of purpose are welcomed.

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

Advanced Standing

Students transferring from other institutions of collegiate rank who will complete degree requirements at Madison College must satisfy the entrance requirements of this College. If a student is accepted for entrance, he will receive credit for all courses which are a fair equivalent of courses in the curriculum which he chooses. Students who are ineligible to return to the last institution of higher learning which they attended are ineligible for admission to Madison College.

In evaluating work, credit will be allowed only for those courses on which a student has made a grade of “C” or better. Students must have at least a “C” average on the work taken at Madison College to be eligible for graduation.

A student who wants to transfer credits from another college should ask the registrar or dean of that college to send a
full statement of credits to the Registrar of Madison College several weeks in advance of the opening of the session.

Advanced students who wish to attend the Summer Session only and who wish to transfer the credits earned to another college or to use the credits for the renewal of a teaching certificate will not have transcripts of work done at another college sent to Madison. A blank of “Honorable Dismissal” and a blank of “Statement of Good Standing” are placed in the back of the catalog. Please have this form filled in by the institution last attended and then returned to this College.

**Credit for Extension Courses**

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 Registrar in the choice of such courses.

**Application**

An Admission Blank appears at the back of this catalog. It should be filled in by the applicant and forwarded to the Dean of the College.

**Residence Requirements**

A year of residence at Madison College or its equivalent is required for a degree.

**Selection of Courses**

As previously indicated the guidance program is a coordination of all the various consultative services of the College under the general supervision of the Dean of Students. Each of the curricula (the courses of study) has several faculty advisors; and frequent conferences with them and the heads of the major departments provide opportunity for reviewing the student’s record and making plans for further work.
Prospective students should study carefully the various curricula available at Madison—and plan to decide by the end of their freshman year which curriculum they want to follow. Most students will have made this decision during their first year or even before coming to the College. When it is desirable, a student may be allowed to transfer from one curriculum to another with the approval of the Dean of Students, curricular advisors, and the Dean of the College. Changes, of course, may mean some loss of time and credit. The student, however, must assume the final responsibility for meeting the requirements of the curriculum which he elects.

Each student should select his individual courses carefully, taking into consideration the requirements of his chosen or probable curriculum, his previous education, and his interests and aptitudes. To avoid hasty and unwise choices, the student should seek the help of the Dean of Students, curricular advisors, and the Dean of the College before the time of registration.

After the student has completed his class schedule and has registered, no class may be dropped, no additions made, and no transfers to other sections made—without the approval of his curriculum chairman and the Dean of the College. In the Summer Session, such changes as are necessary must be made within the first week. After this deadline has passed, a class may not be dropped.

Students may take, as electives, only those courses whose catalog numbers indicate that they are planned for students not more than one year removed from them in classification, except with permission of the Dean of the College.

MINIMUM CLASS SIZE

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

STUDENT LOAD

Nine semester hours of credit is the normal load for students in the Summer Session.
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.

CLASSIFICATION

A student is classified as freshman, sophomore, junior, or senior on the basis of work accomplished either at Madison or at other colleges from which he has transferred. The classification 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 1.90.

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

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 the repetition of the course. With the approval of the curriculum advisor and the head of the department, courses may be repeated to increase the number of quality points.

_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.

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. 60, 69, and 70, or other junior courses prerequisite to student teaching, a student must have a scholarship index of 1.90. A scholarship index of 2.00 is required for students who enroll in Ed. 90, Directed Teaching.

**UNSATISFACTORY SCHOLARSHIP**

If a student's scholarship index remains persistently below the standard of 2.00 he will need to repeat courses in which he has made low grades and to spend more than the normal amount of time in his curriculum. This may be done through Summer School.

**THE GRADING SYSTEM**

The College keeps a complete record of each student's work and sends a statement to the parent or guardian as soon as possible after the semester's work is completed.

Work missed by late entrance or absence must be made up.

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

"A" indicates distinctive achievement and genuine excellence. "B" indicates independence of work and high grade accuracy of knowledge.

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

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

“F” indicates failure which may not be removed except by repetition of the course. A student who has grades of “E” and “F” in more than 40 per cent of his program is required to remove these conditions by another semester of work.

“I” indicates that work is incomplete and is given only when a student is unable to complete the course 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”.

“X” indicates absence from the final examination and automatically becomes an “F” if the student does not present during the next semester a satisfactory excuse from the Dean of the College.

“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”.

As previously indicated students are required to attend all regular exercises of the College from the first day of the session to the last, unless excused for satisfactory reasons. This includes all scheduled classes and examinations. The Committee on Attendance has jurisdiction over the granting of excuses for absences from classes.
Students will secure excuses for absences due to personal illness from the College Physician; excuses for absences due to other reasons will be obtained from the Dean of Women by women students and from the Dean of Students by men students.

A student who is absent from a class more than one-fifth of the time during a semester will not be allowed to make up the work missed unless he receives permission from the Dean of the College.

MAJORS AND MINORS IN CURRICULA II, III, VII, AND VIII

In the four-year Curricula II, III, VII, and VIII a major-minor plan has been adopted to give assurance of a fair degree of concentration of the student’s work.

The student will choose one major and one minor. Students will do well to consider the desirability of having these fields of concentration bear some relation to one another.

Curriculum advisors are assigned to all of these curricula to assist in the selection of suitable combinations of courses and of 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.

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**GRADUATION REQUIREMENTS**

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

1. Have a minimum of 128 credit hours;

2. Have a scholarship index of 2.00 or better;

3. Make an average of “C” or better in those courses constituting his major field of interest;

4. Meet the requirements of the curriculum in which he is registered;

5. Complete successfully an examination in English which is given in the first semester of the junior year;

6. Have spent a minimum of one year, or two semesters, in residence at Madison College, and have earned a minimum of thirty-two semester hours of credit during one year in residence;

7. Be a resident at Madison College during the semester in which the requirements for the degree are completed.
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.

TEACHER'S CERTIFICATE

Students expecting to graduate in the teaching curricula should make application to the Registrar for Virginia Teaching Certificates during the last semester in residence. They should consult the State Board of Education Bulletin, “Certification Regulations for Teachers.”

A teacher's certificate may be extended or renewed by the State Department of Education, subject to the requirements of the State Board of Education. Students who contemplate the renewal, extension, or reinstatement of certificates should write for instructions to the Director, Division of Teacher Education and Certification in the State Department of Education at Richmond or to the Registrar of Madison College. Properly selected credits may be offered toward a degree.

DEGREES

Bachelor of Arts: granted upon completion of Curriculum II. The holder of this degree is entitled to the Collegiate Professional Certificate.

Bachelor of Science: granted upon the completion of Curriculum I, III, IV, or V. The holder of this degree is entitled to the Collegiate Professional Certificate.

Bachelor of Music Education: granted upon the completion of Curriculum VI. The holder of this degree is entitled to the Collegiate Professional Certificate.

Bachelor of Arts: granted upon the completion of Curriculum VII. Students who want to specialize in languages and who do not want to teach may take this degree with profit.
Bachelor of Science: granted upon the completion of Curriculum VIII. Students who want to specialize in science and who do not want to teach may take this degree with profit. They will be able to go on to graduate work in those fields in which they have specialized. Curriculum VIII will give adequate pre-professional preparation to students who later undertake the study of nursing, medical technology, or dentistry. This degree is also granted upon the completion of Curriculum IX, X and XI.

Bachelor of Music: granted upon the completion of Curriculum XII. Students who want to specialize in music for performance may take this degree with profit.

Graduate Degrees: Master of Arts in Education, Master of Science in Education, and Master of Science.
UNDERGRADUATE CURRICULA OFFERED

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

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

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

Madison College offers the following courses of study—each of which is described in detail in the catalog for the 1962-63 session:

TEACHER EDUCATION PROGRAMS
Curriculum I, III, IV, or V B.S.
Curriculum II B.A.
Curriculum VI B.M. Ed. Music Education

LIBERAL ARTS PROGRAMS
Curriculum VII B.A. Liberal Arts
Curriculum VIII B.S. Liberal Arts

MEDICAL TECHNOLOGY
Curriculum VIIIA B.S. Medical Technology
INSTITUTION MANAGEMENT AND GENERAL HOME ECONOMICS

Curriculum IX  B.S.  Institution Management
Curriculum X  B.S.  General Home Economics

BUSINESS

Curriculum XI  B.S.  Business

MUSIC

Curriculum XII  B.M.  Music

STUDENT TEACHING (CURRICULA I-VI)

Provision for student teaching is an important function of the College, since students preparing to teach should have the opportunity of getting valuable practical experience in solving problems which will confront them when they enter the teaching profession.

In the student teaching program, the student teachers first observe the work of skilled teachers, and then they are gradually given charge of the schoolroom and are held responsible for instruction and control of the pupils. Throughout their entire period of teaching, the students are closely supervised by skilled teachers who observe their work and instruct them in the methods used. The Directors of Student Teaching coordinate the programs, assign all student teachers to their places, and help plan and supervise their work. In so far as possible, students are given an opportunity to teach in their special fields.

It is obvious that whenever the facilities for student teaching can approach the actual conditions of the public school they will better serve the purpose of preparing teachers. Consequently, arrangements have been made with several public school systems of the State whereby the schools of the systems are used by college students for student teaching experience.
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 Literature and Speech, General Philosophy; Foreign Languages; and Music.

THE DIVISION OF THE NATURAL SCIENCES

J. EMMENT 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 and Business Education, Library Science, Home Economics, and Social Science and History.

THE DIVISION OF TEACHER EDUCATION

CHARLES G. CALDWELL, Director

This division includes the department of Education and Psychology, the faculty of the Anthony-Seeger Campus School, and a representative from each department that offers a major or minor or an area of concentration for students in the teaching curricula.
COURSE DESCRIPTIONS

The courses which are offered in each division and department of instruction are listed on the pages that follow.

All courses that end in numbers 1-2 and 3-4 are year courses, both semesters of which must be finished before credit is obtained, unless approval is obtained from the Dean of the College. Course numbers ending 5-6 and 7-8 may be elected in part or as a whole, except that frequently the second semester's work may not be elected unless one has credit for the first semester's work. Courses whose numbers end in 0 and 9, or are followed by r, may be given in either or both semesters in the Winter Session and in the Summer Session. Course numbers followed by the letter s, for example, Ed. 30s, refer to courses offered in the Summer Session only.

Wherever the term credits is used in course descriptions, it refers to semester hour credits.

All courses listed in this catalog with numbers below 100 except Science 60s, Chemistry 81, and Chemistry 82, are offered in the Eight-Week Session—June 18-August 10.
THE DIVISION OF THE HUMANITIES
Mr. Locke, Director

ART
Miss Theodore, Head of the Department

ART 26. *Introductory Crafts.* Two single and three double periods a week; three credits.
A creative approach to crafts with emphasis on design for the development of appreciation of better native crafts through the understanding of many materials and techniques.

ART 30. *Art in General Culture.* (3 sections.) Three single and two double periods a week; three 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 57. *Sculpture.* Two single and three double periods a week; three credits.
Practice in modeling, carving in a variety of media, and experimental work with metal, wood, et cetera.

ART 59. *Art Activities in the Elementary School.* Two single and three double periods a week; three credits.
A study of the aims and philosophy of art education in the elementary school with emphasis on child growth and development through experiencing art.

GRADUATE COURSE

The Department of Art now offers a minor of nine semester hours credit in art toward the degree of Master of Arts in Education or Master of Science in Education.

The graduate program of the Department of Art has these aims: (1) to expand the candidate's subject matter background; (2) to give the professional teacher an opportunity to learn
contemporary techniques, philosophy and psychology of this particular area for direct application to his job; (3) to introduce the candidate to research; (4) and to give the candidate practice in creativeness in the space arts on a higher level than is possible in undergraduate work.

Required for the minor are Art 150, Problems in Teaching Art; Art 200, The Criticism of Art; and three hours in Art 100, Practice of Art. The proposed program of study should be checked by the chairman of the art department prior to registration. Courses will be offered on demand.

ENGLISH

Mr. Locke, Head of the Department

ENGLISH 1. Reading and Composition. (7 sections.) Daily; three credits.

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.

ENGLISH 2. Reading and Composition. (2 sections.) Daily; three credits. (Description above.)

Speech 29. Voice and Diction. Four periods a week; two credits.

This course is planned primarily to develop effective qualities of voice. Much attention is devoted to articulation, diction, poise, and confidence in speaking, public and private.

ENGLISH 33-34. Introduction to Literature. Four periods a week; two credits.

An introduction to our literary heritage through a limited number of carefully selected examples of fiction, poetry, and drama.
**ENGLISH 47. Survey of American Literature.** Daily; three credits.

A survey presented historically and critically through lectures, outside readings, research papers, and discussions. The first semester extends through the American Renaissance.

**ENGLISH 48. Survey of American Literature.** Daily; three credits.

A survey presented historically and critically through lectures, outside readings, research papers, and discussions. The second semester concludes with Hemingway and Faulkner.

**ENGLISH 58. World Literature.** Daily; three credits.

This course cultivates an appreciation of the major literary masterpieces of the Western world from the time of the Renaissance to the present. Modern German, Italian, French, Spanish, and Russian works are read in translation.

**ENGLISH 69. Shakespeare.** Daily; three credits.

The best of Shakespeare's comedies, tragedies, and histories, with emphasis on dramatic technique and the Elizabethan stage.

**ENGLISH 90. Advanced English Grammar.** Daily; three credits.

Advanced studies in current English grammar required of students preparing to teach English and suggested for others who need additional work in grammar.

**SPEECH 89. Speech Correction Practice.** Daily; three 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 89 or Ed. 90A. Prerequisite: Speech 70, or approval of instructor.*
GRADUATE COURSES

Majors (Required: 9 semester hours. Nine additional hours needed for the major may be chosen from elective courses.)

**ENGLISH 101. Growth and Development of the English Language.**

**ENGLISH 120. The Practice of Literary Criticism.**

**ENGLISH 201. Shakespeare.**

Minors (Required: 6 semester hours. The three additional hours needed for the minor may be chosen from elective courses.)

**ENGLISH 101. Growth and Structure of the English Language.**

**ENGLISH 120. The Practice of Literary Criticism.**

The attention of undergraduate 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 101 described below.

**Six-Week Session**

**JULY 2—AUGUST 10**

**ENGLISH 101. The Growth and Structure of the English Language.** One hour and twenty minutes daily; three credits.

An introduction to the history of the English language with attention to the changing forms of speech as reflected in morphology, phonology, syntax, and semantics. Reading and Research in special phases of historical and descriptive grammar.

**ENGLISH 201. Shakespeare.** One hour and twenty minutes daily; three credits.

A study of selected plays by Shakespeare, either of the tragedies and histories or of the comedies and histories.

**ENGLISH 280. Reading and Research.** Three credits.

Opportunity is given the individual student for supervised reading and research in the literature of his special interest.
ENGLISH 300. Thesis. Six credits.

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 for the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability.
FOREIGN LANGUAGES

Mrs. Rauch, Head of the Department

French

A thorough grammar review, dictation, simple composition and conversation.

Progressive readings on French Civilization and Modern French Literature; outside readings.
Prerequisite: Fr. 1-2 or two years of high school French.

French 55. Conversation in French and Advanced Composition. Daily; three 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. Prerequisite: Fr. 31-32 or four years of high school French.

A fully equipped modern language laboratory with individual soundproof booths, and with dual channel tape recording instruments is available to all students of French.

Foreign Language 89. Foreign Language Seminar. Daily; three credits.
This course is designed for foreign language teachers and prospective teachers on the elementary and secondary level. Effectiveness of teaching through training in language analysis, theory and practice of modern teaching techniques, experience in the operation of laboratory equipment as well as preparation of materials are included. The contributions of modern linguistic science in the teaching of Latin, Spanish, and French are discussed.
GERMAN

German 31. Intermediate German. Daily; three credits.
Review of basic German grammar. Progressive readings based on contemporary culture, basic conversation. Practice in pronunciation and comprehension will be done in the language laboratory.

German 32. Intermediate German. Daily; three credits.
Brief survey of German literature and civilization. Conversation and short topic compositions. Outside readings.
Prerequisite: Ger. 1-2 or 2 years of high school German or its equivalent.

MUSIC

Mr. Bucher, Head of the Department

Music 30. Music in General Culture. Daily; three credits.
An introductory course having as its aim the broadening of one's understanding of music through thoughtful listening. Music of the various styles and periods will be discussed and illustrated through lectures and recordings. This course is non-technical and open to students of all curricula.

A study of desirable musical experiences in the elementary school and of materials and procedures to further these experiences. Attention will be given to needs of individuals in the class.

APPLIED MUSIC

Nine hours of credit in applied music—piano, voice, organ, and an orchestral instrument—may be offered for the B.S. and A.B. degrees. Twenty-four hours may be offered toward the B.M.E. degree. Music teachers will be given help in the selection of modern materials and in procedures for teaching.

Piano 5-6; 35-36; 65-66; 85-86. One credit.
The work in piano is suited to the needs of the individual with special attention given to the fundamentals of correct tech-
nique. Every effort is made to acquaint the student with the best in piano literature and to promote an appreciation for piano music in general.

**Voice 5-6; 35-36; 65-66; 85-86. One credit.**

Special attention is given to breath control, voice building, diction, and interpretation. Instruction is suited to the needs of the individual.

**Organ 5-6; 35-36; 65-66; 85-86. One credit.**

Emphasis is given to development of playing skills, knowledge of registration, and repertory.

**Orchestral Instruments 5-6; 35-36; 65-66; 85-86. One credit.**

Students may register for instruction on any of the brass or woodwind instruments or in percussion. Emphasis is given to correct breathing, development of embouchure, different types of tonguing, transposition, and studies including the phases of techniques needed by each individual student.

**Chorus 9, 39, 59, 79. Four periods a week; one credit.**

The chorus is open to both men and women students. Experience will be given in singing various types of choral music. Procedures and materials for school choral groups will be studied and discussed. Conducting will be included for those who need this experience. The chorus will serve as a college choir when needed.

**FEES FOR APPLIED MUSIC**

For individual lessons in music—voice, piano, organ, or orchestral instruments the tuition will be as follows:

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<th>Instruction in</th>
<th>Voice, Piano, Orchestral Practice</th>
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<td>16 lessons per session........</td>
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<td>16 lessons per session</td>
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<tr>
<td>1 to 8 lessons per session</td>
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The number of lessons each student wishes to take will be arranged with instructors at the time of registration. Credit for private lessons is given only when enough lessons are taken to equal one full credit of work which is 16 half-hour lessons with a minimum of 45 hours of practice for the session.

A registration fee of $7.50 is charged music students who take only courses given as private or individual instruction, if they desire and are qualified for college credit for such course or courses.

**VIRGINIA MUSIC CAMP—MASSANETTA SPRINGS**

**JUNE 18—24**

This is a camp for high school students and a workshop for teachers. It includes a Festival Chorus, a Junior Chorus, and an Orchestra, with a total of some 550 high school students, which provide opportunities for observation and laboratory experiences for the teachers' workshop. In addition, there are daily sessions in music for the elementary school. Each of these activities is under the leadership of a visiting director who is outstanding in his field.

**Music 10, 15, 16, 17, 18, 19. June 18-24. One credit.**

Teachers who attend the music workshop and camp and who devote a minimum of 30 hours to classes, study, and observation may earn one semester hour credit at Madison College. Registration for this credit will be held at Massanetta Springs at 4:00 p.m. on Tuesday, June 19, in a room to be announced at the opening of camp. Registration fee: $10.00.
GRADUATE COURSES

The Department of Music offers a major of eighteen (18) semester hours credit or a minor of nine (9) semester hours credit in music toward the degree of Master of Arts in Education or the Master of Science in Education. Required courses for the major are Music Education 210, Research and Trends in Music Education, and at least one of the three courses in music literature. Required for the minor is Music Education 210, Research and Trends in Music Education. In each case additional courses will be elected by the student, in accordance with his interests, to bring the total to eighteen. A thesis may be offered in lieu of six semester hours of electives.

Intersession
JUNE 11—JUNE 29

Music 111. Instrumental Materials and Techniques. Hours to be arranged; three credits.

A study of the problems, materials and techniques of teaching instrumental music in the high school, with emphasis on orchestra. The orchestra of the Music Camp at Massanetta Springs will provide laboratory experience and opportunities for observation.

Six-Week Session
JULY 2—AUGUST 10

Music 114. Music of the Romantic Period. One hour and twenty minutes daily; three credits.


Music 131, 132, 133, 134. Applied Music. Two forty-minute lessons each week; one credit.

Four semester hours of credit in applied music—piano, voice, organ, and an orchestral instrument—may be offered
toward the Master's degree. Graduate students will be encouraged to study applied music, and work will be suited to their individual needs.

Music 135. *Advanced Conducting* (Choral and Instrumental). One hour and twenty minutes daily; three credits.

Prerequisite—Music 77-78 or equivalent.

Refinement of baton technique.

Score reading. Specific problems selected from standard works. Practical experience with choral and instrumental groups.

Music 137. *Instrumental Techniques*. Four periods of one hour and twenty minutes each week; two credits.

This course is designed for instrumental music teachers who need further help with one specific instrument or group of instruments. Members of the group will work together and separately, each on his special concentration.

Music Education 211. *The Supervision and Administration of Music*. One hour and twenty minutes daily; three credits.

The supervision of teachers of music; administrative responsibilities of music teachers and supervisors. The role of the supervisor of music in the schools.


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 for the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability.
THE DIVISION OF THE NATURAL SCIENCES

Mr. Ikenberry, Director

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 10. General Physical Science.** Two single and three double periods a week; four credits.

A course designed to help students understand and appreciate their physical environment. Such topics as astronomy, photography, synthetics, foods, housing, mineral and rock collections, and soil conservation will be selected from the fields of chemistry, geology, and physics. Emphasis will be placed on the methods and techniques employed in the physical sciences in the service of man.

**Science 50. Science in the Elementary School.** Two single and three double periods a week; four 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.

SPECIAL SHORT-TERM COURSE

**JUNE 18—JULY 20**

**Science 60s. Science for the Elementary School.** Five weeks. Sixteen periods a week; six credits.

This course will include instruction in subject matter in both biological and physical science; consideration of the objectives of science, materials of instruction, and evaluation.

The course will be a practical one and will attempt to help elementary school teachers to provide appropriate science experiences for their pupils.
Discussions, conferences, visual instruction, demonstrations, and field trips will be among the procedures used in working with the students.

(See page 54 for charges)

**SCIENCE INSTITUTE**

**JULY 2—AUGUST 10**

A Science Institute for science teachers will be offered by the Division of the Natural Sciences under the support of the State Department of Education. This Institute will run concurrently with the Six-Week Session of the graduate school. Courses will be offered at both the undergraduate and graduate levels. The complete description of each course may be found under the respective departmental listing. The following is a list of the courses offered in the Institute:

**Biology 100. Vertebrate Ecology.**

**Biology 110. General Entomology.**

**Biology 140. Developmental Anatomy of Higher Plants.**

**Chemistry 81-82. General Chemistry for Teachers.**

**Physics 111-112. Principles of Nuclear and Radiation Physics.**

**GRADUATE COURSES**

**SCIENCE**

The Division of the Natural Sciences is offering the following graduate courses in science to permit those elementary teachers who are interested in science an opportunity to obtain a minor in science in the graduate program. This minor is limited to elementary teachers. The following courses are required for this minor:

**Biology 100. Vertebrate Ecology.**

**Physical Science 100. Earth Science.**

**Physical Science 101. Matter and Energy.**
Six-Week Session

JULY 2—AUGUST 10

BIOLOGY 100. Vertebrate Ecology. One hour and twenty minutes daily; three credits.

A course designed to acquaint students with the fundamental relationships existing between animals and their environment. Emphasis will be placed on the dynamic aspect of ecology and its importance to mankind. The laboratory will consist of group discussion sessions and selected field trips throughout the Shenandoah regions.

BIOLOGY

Mr. Mengebier, Head of the Department

BIOLOGY 10. General Biology. (2 sections.) Five double periods a week; four 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 20. General Biology. Five double periods a week; four 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.

BIOLOGY 27. Human Physiology. Three single and two double periods a week; three 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. 10.
Biology 30. General Botany. Five double periods a week; four credits.

An introduction to the world of plants with reference to their usefulness to man and animals and to the history of the earth. The structure, physiology, and reproductive cycles of representative domestic and wild plants are studied.

Prerequisite: Bio. 10-20.

Biology 76. Theories of Biology. Four single periods a week; two 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. 10-20.

Graduate Courses

Intersession

June 11—June 29

Biology 200. Physiology of Respiration. Three hours daily; three credits.

A comparative study of breathing and respiration in selected invertebrates and vertebrates including man. Consideration will be given to the Emden-Meyerhoff and Kreb's cycles.

Prerequisite: Chem. 35-36.

Six-Week Session

July 2—August 10

Biology 100. Vertebrate Ecology. One hour and twenty minutes daily; three credits.

A course designed to acquaint students with the fundamental relationships existing between animals and their environment. Emphasis will be placed on the dynamic aspect of ecology and its importance to mankind. The laboratory will consist of group discussion sessions and selected field trips throughout the Shenandoah regions.
BIOLOGY 110. General Entomology. One hour and twenty minutes daily; three 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 140. Developmental Anatomy of Higher Plants. One hour and twenty minutes daily; three credits.

A study of the origin, growth, differentiation, and maturation of cells, tissues, and organs and their inter-relationships. Emphasis is placed on economically important structures of crop, ornamental, and forest plants.

BIOLOGY 300. Thesis. Six credits.

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 for the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability.

CHEMISTRY

MR. CHAPPELL, Head of the Department

CHEMISTRY 1-2. General Chemistry. Nine single and four double periods a week; eight credits.

Some of the fundamental principles of chemistry are studied with much emphasis placed upon the application of these principles to daily living. A detailed study of some of the non-metallic elements is made during the first part of the course. The course also includes a brief introduction to organic chemistry.
and a study of the metals, many of their compounds, and their industrial manufacture and uses.

**Chemistry 35-36. Organic Chemistry.** Nine single and four double periods a week; eight 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. 1-2.

**UNDERGRADUATE COURSE**

**Six-Week Session**

**JULY 2—AUGUST 10**

**Chemistry 81. General Chemistry for Teachers.** One hour daily plus laboratory by arrangement; three credits.

A course in theoretical principles and recent applications in both inorganic and organic chemistry. Considerable emphasis will be placed on problems. (This course was formerly Chemistry 80).

**Chemistry 82. General Chemistry for Teachers.** One hour daily plus laboratory by arrangement; three credits.

A continuation of Chemistry 81.

**GEOLOGY**

Mr. Harnsberger, *Head of the Department*

**Geology 1-2. Geology.** Nine single and four double periods a week; eight credits.

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.
MATHEMATICS

Mr. Ikenberry, Head of the Department


A development of certain basic concepts of elementary mathematics, including sets and relations, logic, and the structure of the number system.


A review of the fundamental operations of arithmetic, solutions of equations, graphs, functions, and introductory statistics.

Mathematics 17. Introduction to College Mathematics. Daily; three credits.

This course includes a modern treatment of the following topics: the nature of abstract reasoning and mathematical proof, set theory, the axiomatic structure of real numbers, and the usual topics of college algebra.

Mathematics 18. Introduction to College Mathematics. Daily; three credits.

This course includes the study of functions and relations, algebraic functions, and the usual topics of trigonometry.

Mathematics 70s. School Mathematics Study Group Basic Concepts of Mathematics. Daily; three credits.

This course is a study of the textbook materials of the School Mathematics Study Group junior high school program. The purpose is to develop an understanding of the modern approach to the subject matter of junior high school mathematics. Topics include: the development of our number system; intuitive geometry; elements of modern algebra; probability and statistics.

Mathematics 80s. School Mathematics Study Group Modern Geometry. Daily; three credits.

This course is a study of the School Mathematics Study Group tenth grade geometry course. The course will include a
study of the nature of deductive reasoning; the language of sets as a basis for precise definitions; plane and solid geometry in parallel development; relation of points, lines, and planes; congruence and similarity; measurement of line lengths; areas and volumes; coordinate geometry.

GRADUATE COURSES

A student may elect to major or minor in mathematics in the graduate program.

For a major in mathematics a minimum of eighteen semester hours is required. This must include at least two of the three courses, Mathematics 100, Mathematics 110, and Mathematics 120. The remainder of the major program will consist of electives from the graduate offerings in mathematics, chosen in consultation with the head of the department.

For a minor, a minimum of nine semester hours of graduate courses in mathematics is required. At least two of the three courses, Mathematics 100, Mathematics 110, and Mathematics 120 must be included.

Six-Week Session
JULY 2—AUGUST 10

Mathematics 150. Theory of Numbers. One hour and twenty minutes daily; three credits.

Topics in elementary number theory including properties of integers and prime numbers, divisibility of numbers, simple Diophantine equations, congruences and residues.

Mathematics 220. Introduction to Analysis. One hour and twenty minutes daily; three credits.

A survey of the fundamental concepts of the Calculus including sequences, limits, continuity, and differentiability.

Mathematics 280. Reading and Research. Three credits.

Opportunity is given the individual student for supervised reading and research in areas of his special interest.
PHYSICAL AND HEALTH EDUCATION

MISS SINCLAIR, Head of the Department

PHYSICAL EDUCATION 1. Fundamentals of Physical Education. Daily; one credit.

This course is designed to help the student achieve a desirable level of strength and skill in fundamental motor activities.

PHYSICAL EDUCATION 11. Elementary Swimming. Daily; one credit.

The course includes swimming strokes, personal safety and rescue skills, and diving.

PHYSICAL EDUCATION 50. Physical Education in the Elementary School. Four periods a week; two credits.

Materials and methods in physical education for the classroom teacher. Required of students in Curriculum I.

PHYSICAL EDUCATION 65. Kinesiology. Daily; three credits.

The science of human movement involving principles of mechanics, psychology and physiology; the application of the knowledge of anatomy in improving performance. Required of physical and health education majors and recommended for minors.

Prerequisite: Bio. 29-27.

HEALTH 40. Personal and Community Health. Four periods a week; two credits.

A study of the principles of wholesome living and their application in the student's own life; improvement of health and the prevention of disease; the total community health program and its contribution to the health of each individual and society.

Prerequisite: Bio. 10.

HEALTH 59. Traffic and Driver Safety. Four periods a week, plus laboratory work behind the wheel to be arranged; two credits.

Attention is given to the problems of traffic and driver safety as they exist in our present society with special emphasis on the
knowledge and techniques needed for safe living. Upon successful completion of this course and Health 37 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.

**GRADUATE COURSES**

*Major in Physical Education*

Required: P.E. 206 and one of the three courses—P.E. 110, P.E. 204, P.E. 205. Additional hours will be selected from elective courses.

*Minor in Physical Education*

Required: P.E. 185 or P.E. 206. Six additional hours will be selected from electives courses.

*Minor in Health*

Required: Hth. 103 or Hth. 203. Six additional hours will be selected from elective courses.

For further information see Bulletin, Madison College Graduate Program 1962.

**Intersession**

**JUNE 11—JUNE 29**

**Health 103. The Health Program in School and Community.** Three hours daily; three credits.

A critical study of the instructional, service, and environmental aspects of school and community programs and their relationships.

**Six-Week Session**

**JULY 2—AUGUST 10**

**Physical Education 110. Evaluation and Measurement in Physical Education.** One hour and twenty minutes daily; three credits.

The emphasis will be upon physiological and kinesiological tests stressing those of endurance, skill and motor ability. The course will provide experience in the use of these tests.
PHYSICAL EDUCATION 208. *Advanced Coaching and Officiating Techniques.* One hour and twenty minutes daily; three credits.

A study of coaching techniques with particular regard to conditioning techniques, standards governing ethics, and healthful practice. The course includes a review of officiating techniques and rules interpretation.

PHYSICS

Mr. Wells, *Head of the Department*

Physics 1-2. *General Physics.* Ten single and five double periods a week; eight credits.

This course is recommended for all students planning to pursue a scientific career and for other students who desire to make physics their science elective. Mechanics, heat, sound, electricity, light, and modern physics are studied. Many problems are illustrated and additional problems are assigned. Approximately 25 per cent of class time is devoted to laboratory work.

GRADUATE COURSES

*Six-Week Session*

JULY 2—AUGUST 10

Physics 111. *Principles of Nuclear and Radiation Physics.* One hour and twenty minutes daily; three credits.

A course dealing with modern concepts of the atom and its nucleus. Laboratory work includes production, detection, and measurement of radiation, radioisotope use, and problems in health physics.

Physics 112. *Principles of Nuclear and Radiation Physics.* One hour and twenty minutes daily; three credits.

A continuation of Physics 111.
THE DIVISION OF THE SOCIAL SCIENCES
Mr. E. L. Smith, Director

BUSINESS AND BUSINESS EDUCATION
Mr. Dickerson, Head of the Department

A mathematics course devoted to practical problems in interest, percentage, trade and cash discounts, taxes, insurance, and other areas.

This course affords ten hours per week of practical office experience in those skills developed in previous typewriting and stenographic courses by doing secretarial work for the staff officers of the College and approved activity work of a practical nature.

BUSINESS 60. Office Machines. Daily; two credits.
Designed to give the students an understanding of the importance of machines in the modern office and to develop vocational competency in the machines most commonly used, including duplicating machines, adding-calculating machines, and voice-writing equipment. Speed and accuracy in machine operations are emphasized.

BUSINESS 75. Cost Accounting. Daily; three 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 80. Advanced Techniques in Typewriting and Related Skills. Daily; three credits.
Practical experience in applying advanced typewriting skills and knowledges. Provision for development of individual skills
is provided. This course is designed for teachers who wish State
certification in the typewriting area.

Business 87. Marketing. Daily; three credits.

Deals with the role of marketing in our economic society,
marketing agencies, functions, methods, and costs. Attention is
given to the value and purposes of marketing research.

GRADUATE COURSES

The graduate program leading to a major in the Depart-
ment of Business and Business Education embraces three areas
of concentration. The graduate student is expected to complete
courses in each of the following three areas:
1. Improvement of Teaching.
2. Personal and Professional Development.
3. Research.

In addition to the above three areas of concentration in
business and business education, the graduate student will com-
plete the appropriate number of semester hours for a minor
in education. The M.S. degree in Education is awarded upon
the successful completion of the graduate program in business
education.

Intersession
JUNE 11—JUNE 29

Business Education 130. Advanced Studies in Skill-Build-
ing Subjects. Three hours daily; three credits.

Advanced studies for the improvement of the teaching of
Typewriting, Shorthand and Bookkeeping.

Six-Week Session
JULY 2—AUGUST 10

Business Education 150. Curriculum Construction in Busi-
ness Education. One hour and twenty minutes daily; three
credits.

Principles, practices and problems in the evaluation and
construction of business education curricula to meet the needs
of youth and adults in a democratic society.
Business Education 230. *Seminar in American Business.* One hour and twenty minutes daily; three credits.

Comprehensive review of current books, magazines, and materials in the areas of Marketing, Banking, Taxation, Exchanges, Economic Conditions, and other areas essential to improved business understandings.

(Also listed as S.S. 230.)

Business Education 250. *Reading and Research.* Three credits.

Examination of approved research procedures for business education. Preparation of reports from assigned field problems applied to various research techniques.


A thesis may be submitted in partial fulfillment of the requirements for the Master's degree. It must be research on a subject in the major field of interest and completed to the satisfaction of the Student's Advisory Committee and the Graduate Council. The Student's Advisory Committee must recommend the thesis subject and the outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability. If a thesis is elected, B. E. 250 will not be taken.

**HOME ECONOMICS**

Miss Rowe, Head of the Department

Home Economics 46. *Housing and Equipment.* Eight hours a week; three credits.

The course is devoted to housing and its implications on family life. House furnishings and equipment are studied as to choice, use, and care. The course is closely correlated with basic art and household physics.
Home Economics 76. Advanced Foods. Eight hours a week; three credits.

Advanced techniques of food preparation and service are emphasized. The laboratory affords an opportunity for the creative aspects of food preparation.

GRADUATE COURSES

Six-Week Session

JULY 2—AUGUST 10

Home Economics 120. World Nutrition Needs and Food Resources. One hour and twenty minutes daily; three credits.

The major world nutrition problems of today are analyzed. Identifying causative factors and investigating corrective measures are an integral part of the course.

LIBRARY SCIENCE

Forrest C. Palmer, Head of the Department


Library Science 49. Library Resources for Children. Daily; three credits.

Principles and aids to help teachers and librarians 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 50. Library Resources for Young People. Daily; three 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 65. Organization of Materials.** Daily; three 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 66. Administration of School Libraries.** Daily; three 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 76. Audio-Visual Materials.** Daily; three credits.

Attention is given to (1) the role of auditory and visual aids in the achievement of educational objectives, (2) principles of selection and evaluation of audio-visual materials, (3) techniques for using audio-visual materials in the classroom, and (4) the operation of equipment.

**Library Science 77. Reference and Bibliography.** Daily; three credits.

A study of encyclopedias, dictionaries, yearbooks, periodical indexes, and reference books in various subject fields. Attention is given to the technique of reference work.

**Library Science 78. Cataloging.** Daily; three 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 90. Directed School Library Service.** Three credits.

Work, under supervision, in the training schools in all the
phases of library service. Enrollment in this course is limited because facilities are limited. Prospective students should write to the head of the department as early as possible about admission.

**Library Science 97. Survey of Librarianship.** Daily; three credits.

Designed to acquaint the prospective school librarian with the whole field of libraries and library work. It 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 99. Problems in School Librarianship.** Three 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 AND HISTORY**

**Mr. E. L. Smith, Head of the Department**

**Social Science 20. Physical Geography.** Daily; three credits.

A systematic study of the factors of the geographic environment and the ways man adjusts and adapts himself to these factors. The course is intended not only for those who wish to understand some of the geographic principles but also for those who want to obtain a basis for further study in the field of geography. This is required for students in Elementary Education (Curriculum I.)

**Social Science 29. Introduction to Economics.** Daily; three 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.
SOCIAL SCIENCE 33. United States History. (3 sections.) Daily; three credits.

This course covers in outline form United States History from the days of early New World explorers through the War Between the States. Political, economic, and social aspects of the colonial, revolutionary, and early republican periods will be presented and analyzed.

SOCIAL SCIENCE 34. United States History. (2 sections.) Daily; three credits.

This is a sequence of Social Science 33. The course covers in outline form United States History from the end of the War Between the States to the present. It deals with the results of the Civil War, the development of modern political parties, the rise of big business, the passing of the frontier, and the causes and results of the Spanish-American War and the First and Second World Wars.


This course is designed to help the student understand the interrelationship of kinship, occupation, religion, education, and social stratification in present day American society, and to acquaint the student with some of the major ideas, theories, and writings in sociology.


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 50. Virginia History. Daily; three credits.

This course emphasizes significant developments in the history of Virginia. Attention is given to current political, economic and social problems and conditions.

SOCIAL SCIENCE 55. History of Civilization. Daily; three credits.

This course deals with important historical developments
from earliest times. Emphasis is given to the rise and decline of
great civilizations and to their lasting contributions to mankind.
Significant personalities, discoveries, inventions, and movements
are stressed.

**Social Science 75. Economic Principles, Policies and Practices.** Daily; three credits.

This course deals with income, wages, unions, rent, interest,
and profits. It also includes an analysis of income of farmers
and government farm policy; social and private insurance, gov-
ernment spending and taxing; international trade, tariff and
investments abroad; a brief comparison of the problems of na-
tional growth in capitalist, socialist, communist, and undevelop-
ed countries. *Required for majors in Business Education.*

**Graduate Programs in the Department of Social Science and History**

The two major programs of study in the Department of
Social Science and History are a major in Social Science and a
major in History.

**Program Number One: Social Science**

**Major—18 hours required.**

3 hours credit in S.S. 220. Social Science Seminar is
required.

9 credit hours concentration in one social science subject
to be chosen from: Economics, Geography, Government,
History or Sociology.

6 hours credit in two social science subjects other than
the student's concentration, or

6 hours credit in a thesis.

**Minor—9 hours required.**

3 hours credit in S.S. 220—Social Science Seminar
(required).

6 hours credit in any of the courses listed in the graduate
catalog under the Social Science and History Depart-
ment.
PROGRAM NUMBER TWO: HISTORY

MAJOR—18 hours required.

3 credit hours: S.S. 122. Contemporary United States History (required).

3 credit hours: S.S. 132. Contemporary World History (required).

3 credit hours to be selected from one of the following:
2. S.S. 240. Federal Government
3. S.S. 270. Social Change
4. S.S. 220. Social Science Seminar

9 hours credit to be selected from the electives in the field of history, or 3 credit hours in History and 6 hours credit in a thesis.

MINOR—9 hours required.

3 credit hours in S.S. 122. Contemporary United States History (required).

3 credit hours in S.S. 132. Contemporary World History (required).

3 credit hours in any other history course of the student’s choice.

GRADUATE COURSES

Intersession

JUNE 11—JUNE 29

Social Science 100. Economics Seminar. Daily; three credits.

This course is designed to highlight the American free enterprise system. Students will participate in a four-day field trip to examine how our economic system operates at the production level. Lectures and demonstrations in the field will include a day at the New York Stock Exchange and visits to major representative industrial plants.
This program is limited to thirty-five students. On account of the field trip, a special non-refundable fee of twenty-five dollars ($25.00) must be paid in advance to the Head of the Department of Social Science and History. This special fee will be in addition to the regular registration fees for the course which are payable to the Business Office.

**Six-Week Session**

**JULY 3—AUGUST 11**

**Social Science 180. Cultural Geography.** Daily; three credits.

A study of the world's cultures as based upon differences and similarities of the geographic environment in various regions.

**Social Science 220. Social Science Seminar.** One hour and twenty minutes daily; three credits.

This course is designed to acquaint the student with the classical literature and research of political, economic, and social science, and to increase understanding of the major recurring issues as well as the important ideas of social science.

**Social Science 224. Colonial America.** Daily; three credits.

This course deals with the period through the Revolution. Research papers, lectures, and class discussions will offer an opportunity for a thorough study of selected topics.

**Social Science 230. Seminar in American Business.** One hour and twenty minutes daily; three credits.

Comprehensive review of current books, magazines, and materials in the areas of Marketing, Banking, Taxation, Selling, Exchanges, Economic Conditions, and other areas essential to improved business understandings.

(Also listed as B.E. 230.)

**Social Science 280. Reading and Research.** Three credits.

An opportunity is offered the individual student for reading and research in areas of his special interest.
Social Science 300. Thesis. Six credits.

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 for the requirements for the Master’s degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The Student’s Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability.
THE DIVISION OF TEACHER EDUCATION

Mr. Caldwell, Director

EDUCATION AND PSYCHOLOGY

A. Education

Education 59. Reading in the Elementary School. Daily; three 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 60. Foundations of Curriculum. (2 sections) Daily; three credits.

This course deals with a study and evaluation of the factors, ideas and issues which influence the public school curriculum. Consideration is given to such topics as: basic ideas which influence organization and content; various programs found in theory and practice; and the scope and sequence of the curriculum.


This course is planned for those students preparing to teach in the elementary school. This is an integrated methods course designed to meet the developmental needs of children in the various subject fields included in the elementary school curriculum.


This course 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 various subject fields included in the secondary school curriculum.
EDUCATION 80. History and Philosophy of Educational Thought. (2 sections.) Daily; three credits.

This course includes a critical analysis of current problems of teachers as they relate to the major philosophies of modern education.

EDUCATION 90. Directed Teaching. Six credits.

This course gives experience in teaching under public school conditions with emphasis on the use of the Virginia curriculum. Two group conferences will be arranged each week. Advance registration is necessary. Write Mr. Raymond J. Poindexter, Director of Laboratory School Experiences.

Students needing 3 semester hours of credit may register for Ed. 90A.

EDUCATION 95s. Teaching Problems. Daily; three or six credits.

This course is planned to help mature teachers on problems chosen for study, using educational literature and practical research. It serves two purposes: (1) Work on any teaching problem of elementary or secondary level which is individually chosen and approved by the instructor; (2) Substitute for Ed. 90 or Ed. 90A in cases of mature teachers who choose this experience and whose applications must be made in advance to the Dean of the Summer Session.

Three credits in four weeks or six credits in eight weeks. Two hours of class meeting weekly and laboratory hours as needed.

B. PSYCHOLOGY

PSYCHOLOGY 33. Human Growth and Development. (2 sections.) Daily; three credits.

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.
Psychology 57. Psychology of Personality. Daily; three 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. 31-32, Psy. 33-34, or equivalent.

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. 31-32, Psy. 33-34, or equivalent.
GRADUATE PROGRAM IN
THE DEPARTMENT OF EDUCATION
AND PSYCHOLOGY

MAJOR

The candidate for the degree of Master of Arts in Education or the Master of Science in Education must either major or minor in education. The candidate for the Master's degree who elects to major in education must successfully complete (a) twenty-four semester hours of work and submit a thesis, or (b) thirty semester hours of graduate work without a thesis. The Department of Education and Psychology offers four areas of concentration: Human Growth and Development, Guidance, Instruction, and Administration and Supervision. Education 230 is required of all students majoring in education.

Human Growth and Development:

Ed. 184 and Ed. 230 are the required courses in this area. In addition one course must be chosen from two of the following three groups of courses: (a) Ed. 118, Ed. 128; (b) Ed. 116, Ed. 150; (c) Ed. 112, Ed. 140, Ed. 167, Ed. 191. If the student elects to write a thesis, he should register for Ed. 300; if he does not elect the thesis, he should take two of the following courses: Ed. 100A, Ed. 100B, Ed. 103, Ed. 105, Ed. 125C, Ed. 240, Ed. 260, Ed. 270, Ed. 290.

Guidance:

The required courses in this field are Ed. 104, Ed. 137, Ed. 150, Ed. 210, and Ed. 230. In addition three hours should be selected from the following three courses to meet State certification requirements for the Guidance Counselor: Ed. 118, Ed. 128, Ed. 184.

Instruction:

The required courses in this area are Ed. 140, Ed. 167, and Ed. 230. In addition one course must be chosen from the following groups of courses: (a) Ed. 112, Ed. 191; (b) Ed. 116, Ed. 118,

Administration and Supervision:

The required courses in this area are Ed. 230, Ed. 240, and Ed. 250. In addition one course must be chosen from the following groups of courses: (a) Ed. 112, Ed. 140, Ed. 167, Ed. 191; (b) Ed. 116, Ed. 118, Ed. 128, Ed. 137, Ed. 150, Ed. 184. If the student elects to write a thesis, he should register for Ed. 300; if he does not elect the thesis, he should take two of the following courses: Ed. 100A, Ed. 100B, Ed. 103, Ed. 105, Ed. 125A, Ed. 125C, Ed. 210, Ed. 290.

Minor

The candidate for the Master's degree who elects to minor in education must successfully complete nine semester hours of work. One course should be selected from three of the following five groups of courses: (a) Ed. 118, Ed. 128, Ed. 184; (b) Ed. 116, Ed. 137; (c) Ed. 112, Ed. 140, Ed. 167, Ed. 191; (d) Ed. 100A, Ed. 100B, Ed. 103, Ed. 105, Ed. 125A, Ed. 125C; (e) Ed. 220, Ed. 240, Ed. 250, Ed. 260, Ed. 270, Ed. 290.

Education 230 is strongly recommended as an elective for students who minor in education.

GRADUATE COURSES

Intersession

JUNE 11—JUNE 29

Education 100B. Seminar in Education and Psychology: Educational Television. Three hours daily; three credits.

This workshop-type experience will explore the role of television and the implications of this medium for education. Enrollment limited. A letter of application should be directed to
the Head of the Department of Education and Psychology by May 15, 1962.

**Education 137. Individual and Group Tests.** Three hours daily; three credits.

The development, administration, and interpretation of standardized tests are considered in this course, as well as the use of such tests in survey programs, in the evaluation of instructional efficiency, and in the planning and improvement of teaching procedures. *A course in Tests and Measurements is strongly recommended before enrolling in Ed. 137.*

**Education 230. Research Methods in Education.** Three hours daily; three credits.

This course is designed to develop those skills, the insights, and understandings which will enable the student to become both an intelligent consumer and an intelligent producer of educational research. This course is required of all who major in education. It is strongly recommended as the elective for those who minor in education.

**Education 250. Supervision of Instruction.** Three hours daily; three credits.

In this course supervision is viewed as educational leadership in the improvement of instruction. The implications of research on the nature and scope of supervision are reviewed; current views on cooperative planning of supervisory programs are analyzed; and the improvement of supervisory techniques studied.

**Six-Week Session**

**JULY 2—AUGUST 10**

**Education 100A. Seminar in Education and Psychology: The Elementary School.** One hour and twenty minutes daily; three credits.

This course offers the professional worker in the elementary school an opportunity to explore his role in terms of recent experimentation in elementary education. Enrollment limited.
**Education 103. Philosophy of Education.** Three hours daily; three credits.

This course includes a critical survey of widely recognized theory regarding the nature and purpose of education in the Western World, with special emphasis upon such theory as it bears on and gives direction to educational policy and practice within the American democracy.

**Education 140. Basis of Curriculum Development.** One hour and twenty minutes daily; three credits.

This course is designed to help teachers determine what public schools in a democratic society should teach. Also included is the preparation of curriculum guides in all subject fields at both the elementary and secondary school levels.

**Education 167. Instruction.** One hour and twenty minutes daily; three credits.

This course includes the following: The theory and practice of teaching in democratic school systems, techniques for studying children and youth; the group process in teaching; motivation of learning; teacher-student planning; the broad unit as a teaching instrument, the role of guidance in teaching; the cooperative appraisal of growth.

**Education 184. Human Growth and Development.** One hour and twenty minutes daily; three credits.

This course deals with the principles basic to an understanding of the growth and development of human beings. The dynamics influencing behavior are explored. Techniques for studying behavior are considered and case materials analyzed.

**Education 240. The Fundamentals of Educational Administration.** One hour and twenty minutes daily; three credits.

This course deals with such topics as federal, state and local authority and control of education; financial support for public education; problems related to the administration and supervision of pupil personnel, teaching personnel, and of the instructional program.
Education 260. The Teaching of the Exceptional Child. One hour and twenty minutes daily; three credits.

This course is designed to assist the classroom teacher in working with all types of deviant children. Methods of working with the bright, the gifted, the dull child, the brain injured, and the emotionally disturbed are explored.

Education 290. Reading and Research. Three credits.

The student registered for this course is given an opportunity for directed reading and research in areas of his special interest.

Education 300. Thesis. Six credits.

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 for the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The Student's Advisory Committee must recommend the thesis subject and outline to the Graduate Council for approval at least three months prior to the time the degree is expected to be awarded. The thesis must be completed one month before the time of graduation to assure the Advisory Committee of its acceptability.
### PERIOD 1—7:15-8:15

<table>
<thead>
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<th>Name of Course</th>
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<th>Days</th>
<th>Room</th>
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<td>*Art 26</td>
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<td>L. Sanders</td>
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<td>Toms</td>
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<td>Fundamentals of Physical Education</td>
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<tr>
<td>S S 59</td>
<td>Principles of Sociology</td>
<td>Pittsenbarger</td>
<td>Daily</td>
<td>K14</td>
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Room assignments are as follows: AS stands for Anthony-Seeger Campus School; B, for Burruss Science Hall; H, for Harrison Hall; J, for basement in Johnston Hall; K, for Kerr Hall; L, for Library; Ma, for Maury Hall; M, for Moody Hall; MR, with no number following, for the Music Room in Harrison Hall; RR, for Recital Room in Harrison Hall; W, for Wilson Hall; WR, with no number following, for the Recording Studio in Wilson Hall.

*Multiple period courses.

### PERIOD 2—8:20-9:20

<table>
<thead>
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<tr>
<td>Eng 33</td>
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<td>Sawhill</td>
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<td>W38</td>
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<td>Stewart</td>
<td>Daily</td>
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### PERIOD 2—8:20-9:20 (Continued)

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<td>Psychology of Personality</td>
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<td>Science for Elementary School</td>
<td>F. Sanders</td>
<td>Daily</td>
<td>Mo109</td>
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| S S 20a   | Physical Geography | Sas | Daily | K3    |
| S S 23b   | United States History | G. Smith | Daily | K11   |
| S S 50    | Virginia History | Dingledine | Daily | K14   |
| Speech 29 | Voice and Diction | Lahaise | Daily | K15   |

### PERIOD 3—9:25-10:25

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<td>B111</td>
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<td>*Bio 20</td>
<td>General Biology</td>
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<td>*Bio 27</td>
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<td>*Chem 35-36</td>
<td>Organic Chemistry</td>
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<td>+ lab.</td>
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<td>Library Resources for Children</td>
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<td>L S 76</td>
<td>Audio-Visual Materials</td>
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<td>Daily</td>
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| S S 20b   | Physical Geography | Sas | Daily | K3    |
| S S 48    | Social Problems | Pittsenbarger | Daily | K14   |
| S S 55    | History of Civilization | Wood | Daily | K11   |

**If another section of Eng. 2 is needed, Eng. 1d and Eng. 1e will be combined and Mrs. Swink will teach a section of Eng. 2.
### PERIOD 4—10:30-11:30

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<td>Daily</td>
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<td><strong>Bio 30</strong></td>
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<td>MTWTh</td>
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<td>Walsh</td>
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<tr>
<td><strong>Eng 58</strong></td>
<td>World Literature</td>
<td>Sawhill</td>
<td>Daily</td>
<td>W38</td>
</tr>
<tr>
<td><strong>F L 89</strong></td>
<td>Foreign Language Seminar</td>
<td>Stewart</td>
<td>Daily</td>
<td>K9</td>
</tr>
<tr>
<td><strong>Geol 1-2</strong></td>
<td>Geology</td>
<td>Harnsberger</td>
<td>TW</td>
<td>B201</td>
</tr>
<tr>
<td><strong>L S 66</strong></td>
<td>Administration of School Libraries</td>
<td>Riddle</td>
<td>Daily</td>
<td>L10</td>
</tr>
<tr>
<td><strong>L S 76b</strong></td>
<td>Audio-Visual Materials</td>
<td>Hoover</td>
<td>Daily</td>
<td>L3</td>
</tr>
</tbody>
</table>
### PERIOD 5—11:35-12:35 (Continued)

<table>
<thead>
<tr>
<th>Department</th>
<th>Name of Course</th>
<th>Instructor</th>
<th>Days</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 7b</td>
<td>Fundamentals of Mathematics</td>
<td>Schmidt</td>
<td>Daily</td>
<td>B8</td>
</tr>
<tr>
<td>P E 50</td>
<td>Physical Education in the Elementary School</td>
<td>Long</td>
<td>MTWTh</td>
<td>K6</td>
</tr>
<tr>
<td>P E 65</td>
<td>Kinesiology</td>
<td>Sinclair</td>
<td>Daily</td>
<td>J</td>
</tr>
<tr>
<td>*Sci 50</td>
<td>Science in the Elementary School</td>
<td>Wells</td>
<td>MWF</td>
<td>B103</td>
</tr>
<tr>
<td>*Sci 60s</td>
<td>Science for the Elementary School</td>
<td>F. Sanders</td>
<td>(June 18-</td>
<td>Mo109</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>July 20)</td>
<td></td>
</tr>
<tr>
<td>S S 29</td>
<td>Introduction to Economics</td>
<td>Rea</td>
<td>Daily</td>
<td>K14</td>
</tr>
<tr>
<td>S S 33c</td>
<td>United States History</td>
<td>Dingleline</td>
<td>Daily</td>
<td>K16</td>
</tr>
<tr>
<td>S S 34b</td>
<td>United States History</td>
<td>Wood</td>
<td>Daily</td>
<td>K11</td>
</tr>
</tbody>
</table>

The following courses will operate on an independent or “hours-to-be-arranged” schedule:

### PERIOD 6—1:45-2:45

<table>
<thead>
<tr>
<th>Department</th>
<th>Name of Course</th>
<th>Instructor</th>
<th>Days</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chorus 9, 39, 59, 79</td>
<td>Chorus</td>
<td>Bucher</td>
<td>MTWTh</td>
<td>RR</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Department</th>
<th>Name of Course</th>
<th>Instructor</th>
<th>Days</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus 57 or 58</td>
<td>Advanced Secretarial Application</td>
<td>Staff</td>
<td>2 periods</td>
<td>Daily</td>
</tr>
<tr>
<td>Bus 80</td>
<td>Advanced Techniques in Typewriting and Related Subjects</td>
<td>Walsh</td>
<td>Daily</td>
<td></td>
</tr>
<tr>
<td>Ed 90</td>
<td>Directed Teaching</td>
<td>Hopkins</td>
<td>Daily</td>
<td></td>
</tr>
<tr>
<td>Ed 95s</td>
<td>Teaching Problems</td>
<td>Toms</td>
<td>Daily</td>
<td></td>
</tr>
<tr>
<td>L S 90</td>
<td>Directed School Library Service</td>
<td>Winn</td>
<td>Daily</td>
<td></td>
</tr>
<tr>
<td>L S 99</td>
<td>Problems in School Librarianship</td>
<td>Herring</td>
<td>Daily</td>
<td></td>
</tr>
<tr>
<td>Mus 10, 15, 16, 17, 18, 19</td>
<td>Massanetta Music Workshop</td>
<td>Bucher</td>
<td>June 18-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>June 24</td>
<td></td>
</tr>
<tr>
<td>Organ 5-6, 35-36, 65-66, 85-86</td>
<td>Organ, Private Lessons</td>
<td>Watkins</td>
<td>Daily</td>
<td></td>
</tr>
<tr>
<td>Voice 5-6, 35-36, 65-66, 85-86</td>
<td>Voice, Private Lessons</td>
<td>Mace</td>
<td>Daily</td>
<td></td>
</tr>
<tr>
<td>Speech 89</td>
<td>Speech Correction Practice</td>
<td>Lahaie</td>
<td>Daily</td>
<td></td>
</tr>
</tbody>
</table>
## GRADUATE—INTERSESSION—JUNE 11—JUNE 29

<table>
<thead>
<tr>
<th>Department</th>
<th>Name of Course</th>
<th>Instructor</th>
<th>Days</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bio 200</td>
<td>Physiology of Respiration</td>
<td>Menegibier</td>
<td>Daily</td>
<td></td>
</tr>
<tr>
<td>Bus Ed 130</td>
<td>Advanced Studies in the Skill-Business Subjects</td>
<td>Walsh</td>
<td>Daily</td>
<td>Ma28</td>
</tr>
<tr>
<td>Ed 100B</td>
<td>Seminar in Education and Psychology: Educational</td>
<td>Franklin</td>
<td>Daily</td>
<td>Ma11</td>
</tr>
<tr>
<td>Ed 137</td>
<td>Individual and Group Tests</td>
<td>Tolbert</td>
<td>Daily</td>
<td>W25*</td>
</tr>
<tr>
<td>Ed 230</td>
<td>Research Methods in Education</td>
<td>Murphy</td>
<td>Daily</td>
<td>W24</td>
</tr>
<tr>
<td>Ed 250</td>
<td>Supervision</td>
<td>Tomis</td>
<td>Daily</td>
<td>W28*</td>
</tr>
<tr>
<td>Hth 103</td>
<td>The Health Program in School and Community</td>
<td>Crawford</td>
<td>Daily</td>
<td>J</td>
</tr>
<tr>
<td>Mus 111</td>
<td>Instrumental Materials and Techniques</td>
<td>Anderson</td>
<td>Daily</td>
<td>RR*</td>
</tr>
<tr>
<td>S S 100B</td>
<td>Economics Seminar</td>
<td>Rea/E. Smith</td>
<td>Daily</td>
<td>K16</td>
</tr>
</tbody>
</table>

*Class cannot meet before 8:20 as the classroom will be used 7:15-8:15 for the eight weeks session.

## GRADUATE—SIX WEEKS—JULY 2—AUGUST 10

### PERIOD 1—7:15-8:35

<table>
<thead>
<tr>
<th>Department</th>
<th>Name of Course</th>
<th>Instructor</th>
<th>Days</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus Ed 230</td>
<td>Seminar in American Business</td>
<td>Dickerson</td>
<td>Daily</td>
<td>Ma28</td>
</tr>
<tr>
<td>Ed 167</td>
<td>Instruction</td>
<td>Schab</td>
<td>Daily</td>
<td>W24</td>
</tr>
<tr>
<td>Mus 157</td>
<td>Instrumental Techniques</td>
<td>Marshall</td>
<td>MTWTh</td>
<td>WR</td>
</tr>
<tr>
<td>S S 220</td>
<td>Seminar in American Business</td>
<td>Dickerson</td>
<td>Daily</td>
<td>Ma28</td>
</tr>
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</table>

### PERIOD 2—8:40-10:00

<table>
<thead>
<tr>
<th>Department</th>
<th>Name of Course</th>
<th>Instructor</th>
<th>Days</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bus Ed 150</td>
<td>Curriculum Construction in Business Education</td>
<td>Dickerson</td>
<td>Daily</td>
<td>Ma28</td>
</tr>
<tr>
<td>Ed 103</td>
<td>Philosophy of Education</td>
<td>Hamrick</td>
<td>Daily</td>
<td>W24</td>
</tr>
<tr>
<td>Ed 260</td>
<td>The Teaching of the Exceptional Child</td>
<td>Hoyt</td>
<td>Daily</td>
<td>AS</td>
</tr>
<tr>
<td>Eng 101</td>
<td>The Growth and Structure of the English Language</td>
<td>Curtis</td>
<td>Daily</td>
<td>W25</td>
</tr>
<tr>
<td>Math 150</td>
<td>Theory of Numbers</td>
<td>Schmidt</td>
<td>Daily</td>
<td>W28</td>
</tr>
<tr>
<td>Mus 114</td>
<td>Music of the Romantic Period</td>
<td>Anderson</td>
<td>Daily</td>
<td>RR</td>
</tr>
<tr>
<td>P E 110</td>
<td>Evaluation and Measurement in Physical Education</td>
<td>Tate</td>
<td>Daily</td>
<td>K6</td>
</tr>
<tr>
<td>S S 220</td>
<td>Social Science Seminar</td>
<td>Rea/E. Smith</td>
<td>Daily</td>
<td>K16</td>
</tr>
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</table>
### PERIOD 3—10:05-11:25

<table>
<thead>
<tr>
<th>DEPARTMENT</th>
<th>NAME OF COURSE</th>
<th>INSTRUCTOR</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ed 240</td>
<td>The Fundamentals of Educational Administration</td>
<td>Poindexter</td>
<td>Daily</td>
<td>W24</td>
</tr>
<tr>
<td>Ed 184</td>
<td>Human Growth and Development</td>
<td>Caldwell</td>
<td>Daily</td>
<td>W22</td>
</tr>
<tr>
<td>Eng 201</td>
<td>Shakespeare</td>
<td>Locke</td>
<td>Daily</td>
<td>W25</td>
</tr>
<tr>
<td>Math 220</td>
<td>Introduction to Analysis</td>
<td>Lehrberger</td>
<td>Daily</td>
<td>W28</td>
</tr>
<tr>
<td>Mus 135</td>
<td>Advanced Conducting</td>
<td>Bucher</td>
<td>Daily</td>
<td>MR</td>
</tr>
<tr>
<td>P E 208</td>
<td>Advanced Coaching and Officiating</td>
<td>Geiser</td>
<td>Daily</td>
<td>K6</td>
</tr>
<tr>
<td>S S 224</td>
<td>Colonial and Revolutionary History</td>
<td>Dingledine</td>
<td>Daily</td>
<td>K16</td>
</tr>
</tbody>
</table>

### PERIOD 4—11:30-12:50

<table>
<thead>
<tr>
<th>DEPARTMENT</th>
<th>NAME OF COURSE</th>
<th>INSTRUCTOR</th>
<th>DAYS</th>
<th>ROOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ed 100A</td>
<td>Seminar in Education and Psychology: The Elementary School</td>
<td>Turner</td>
<td>Daily</td>
<td>AS17</td>
</tr>
<tr>
<td>Ed 140</td>
<td>Basis of Curriculum Development</td>
<td>Murphy</td>
<td>Daily</td>
<td>W24</td>
</tr>
<tr>
<td>H E 120</td>
<td>World Nutrition Needs and Food Resources</td>
<td>Rowe</td>
<td>Daily</td>
<td>Mo101</td>
</tr>
<tr>
<td>Mus Ed 211</td>
<td>The Supervision and Administration of Music</td>
<td>Bucher</td>
<td>Daily</td>
<td>MR</td>
</tr>
<tr>
<td>S S 180</td>
<td>Cultural Geography</td>
<td>Sas</td>
<td>Daily</td>
<td>K3</td>
</tr>
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</table>

The following graduate courses will operate on an independent or "hours-to-be-arranged" schedule:

<table>
<thead>
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<th>DEPARTMENT</th>
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<th>INSTRUCTOR</th>
<th>DAYS</th>
<th>ROOM</th>
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</thead>
<tbody>
<tr>
<td>Bio 300</td>
<td>Thesis</td>
<td>Staff</td>
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<tr>
<td>Bus Ed 250</td>
<td>Reading and Research</td>
<td>Staff</td>
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<tr>
<td>Bus Ed 300</td>
<td>Thesis</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ed 200</td>
<td>Reading and Research</td>
<td>Staff</td>
<td></td>
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</tr>
<tr>
<td>Ed 300</td>
<td>Thesis</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eng 280</td>
<td>Reading and Research</td>
<td>Staff</td>
<td></td>
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</tr>
<tr>
<td>Eng 300</td>
<td>Thesis</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Math 280</td>
<td>Reading and Research</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mus 300</td>
<td>Thesis</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Orchestral Instruments 131, 132, 133, 134</td>
<td>Orchestral Instruments, Private Lessons</td>
<td>Marshall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organ 131, 132, 133, 134</td>
<td>Organ, Private Lessons</td>
<td>Watkins</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Piano 131, 132, 133, 134</td>
<td>Piano, Private Lessons</td>
<td>Watkins</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voice 131, 132, 133, 134</td>
<td>Voice, Private Lessons</td>
<td>Mace</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S S 280</td>
<td>Reading and Research</td>
<td>Staff</td>
<td></td>
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</tr>
<tr>
<td>S S 300</td>
<td>Thesis</td>
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### Science Institute—July 2—August 10

**Period 1—7:15-8:35**

<table>
<thead>
<tr>
<th>Department</th>
<th>Name of Course</th>
<th>Instructor</th>
<th>Days</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bio 110</td>
<td>General Entomology</td>
<td>Grimm</td>
<td>Daily</td>
<td>B209</td>
</tr>
<tr>
<td>Chem 81</td>
<td>General Chemistry for Teachers</td>
<td>Cool</td>
<td>Daily</td>
<td>B304-311</td>
</tr>
</tbody>
</table>

*Laboratory hours by arrangement.*

### Period 2—8:40-10:00

<table>
<thead>
<tr>
<th>Department</th>
<th>Name of Course</th>
<th>Instructor</th>
<th>Days</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>Bio 140</td>
<td>Developmental Anatomy of Higher Plants</td>
<td>Ferry</td>
<td>Daily</td>
<td>B108</td>
</tr>
<tr>
<td>Chem 82</td>
<td>General Chemistry for Teachers</td>
<td>Cool</td>
<td>Daily</td>
<td>B304-311</td>
</tr>
<tr>
<td>Phys 111</td>
<td>Principles of Nuclear and Radiation Physics</td>
<td>Mengebier</td>
<td>Daily</td>
<td>B11-12</td>
</tr>
</tbody>
</table>

**Period 3—10:05-11:25**

No classes scheduled—conference period for Science Institute

**Period 4—11:30-12:50**

<table>
<thead>
<tr>
<th>Department</th>
<th>Name of Course</th>
<th>Instructor</th>
<th>Days</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bio 100</td>
<td>Vertebrate Ecology</td>
<td>Mengebier</td>
<td>Daily</td>
<td>B209</td>
</tr>
<tr>
<td>Phys 112</td>
<td>Principles of Nuclear and Radiation Physics</td>
<td>Mengebier</td>
<td>Daily</td>
<td>B11-12</td>
</tr>
</tbody>
</table>

*Laboratory hours by arrangement.*
EXAMINATION SCHEDULE

GRADUATE COURSES

JUNE 29, 1962

9:00-12:00 A.M.—Intersession Courses

UNDERGRADUATE COURSES

AUGUST 8, 1962

7:15-9:20 A.M.—First Period Classes
9:25-11:30 A.M.—Third Period Classes

AUGUST 9, 1962

7:15-9:20 A.M.—Second Period Classes
9:25-11:30 A.M.—Fifth Period Classes

AUGUST 10, 1962

7:15-9:20 A.M.—Fourth Period Classes
9:25-11:30 A.M.—Sixth Period Classes

GRADUATE COURSES

AUGUST 9, 1962

7:15-9:45 A.M.—First Period Classes
10:00 A.M.-12:30 P.M.—Second Period Classes

AUGUST 10, 1962

7:15-9:45 A.M.—Third Period Classes
10:00 A.M.-12:30 P.M.—Fourth Period Classes
Application for Admission
SUMMER SESSION

Date...................................................., 19....

Mr. ..................................................................
Miss..................................................................
Mrs. ..................................................................

Last Name  First Name  Middle Name

Address:......................................................

Age........................................ Sex......................... Race........................................

Are you a high school graduate?........................ Year graduated:...........................

Name and address of the high school:......................

Have you attended Madison College before?..................

If so, when were you last in attendance?..............

If registered previously under another name, give name as registered:..............................

If a former Madison student, have you attended any other colleges since your last residence at Madison?........

Give the names and addresses of other colleges attended with dates of attendance:......................

Are you eligible to return to the last college which you attended?..............................

INSTRUCTIONS TO APPLICANTS

1. Fill out both sides of this form and mail to Percy H. Warren, Dean, Madison College, Harrisonburg, Virginia.

2. Room reservation fee.
   A reservation fee of $5.00 must be submitted with your application. A room cannot be reserved for you until this fee is paid. It will be returned to you if you cancel your reservation before May 1, 1962. It will be forfeited if you cancel your reservation after May 1, or if you fail to attend the 1962 Summer Session.

3. Transcripts of work done at other institutions.
   a. If you are transferring from another institution and plan to work towards a degree at Madison, please ask the college that you have attended to forward official transcripts of your record to the Registrar. This should be done as far in advance of the opening of the Summer Session as possible.
   b. If you wish only to transfer the undergraduate credits that you earn in the Summer Session to another institution, or to use them in renewing a teaching certificate, the College does not require that you obtain a transcript of your record from other institutions. Instead you may have a statement of good standing or honorable dismissal submitted by the institution which you last attended. This applies only to undergraduate students.
If a college graduate, give year of graduation: Degree obtained: 
Name of Institution: 
Are you in good standing or entitled to honorable dismissal from all institutions you have attended? 
Do you plan to attend this summer to:
   a. Renew your certificate? □
   b. Change certificate to Collegiate Professional? □
   c. Work toward a degree at Madison College? □
      In what curriculum? 
   d. Earn credits to be transferred to another college? □
Which session will you attend? 
   Eight-Week □ Courses desired by number: 
   Intersession □ 
   Six-Week □ 
   Science Institute □

PLEASE ANSWER

Room Reservation: Dormitory and room preferred: 
Do you desire a room for Intersession only? (Graduate Courses) □
Do you desire a room for Six-Week Session only? (Graduate Courses) □
Do you desire a room for Science Institute? □
Do you desire a room for both Intersession and Six-Week Session? □
Do you desire a room for Eight-Week Session? (Undergraduate Courses) □
Do you desire a room for a period other than aforementioned one? □
If so, indicate the dates. 
Do you desire a room for one occupant only? □ Roommate? □
Roommate desired: 

(Read carefully the instructions on the other side of this page.)
MADISON COLLEGE
HARRISONBURG, VIRGINIA

Statement of Student in Good Standing

This is to certify that Last Name First Name Middle Name has completed (session) (semester) (quarter) hours of work at Name of College located at and is a student in good standing.

Signature of Registrar

This student has my approval to enroll in the following courses:

The student will submit this to the registrar of the college last attended. The registrar will complete and sign the appropriate section and then mail it direct to Registrar, Madison College, Harrisonburg, Virginia.

MADISON COLLEGE
HARRISONBURG, VIRGINIA

Statement of Honorable Dismissal

This is to certify that Last Name First Name Middle Name was graduated from Name of College located at on Date with the degree of and is entitled to honorable dismissal.

Signature of Registrar

The student will submit this to the registrar of the college last attended. The registrar will complete and sign the appropriate section and then mail it direct to Registrar, Madison College, Harrisonburg, Virginia.
# INDEX

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page(s)</th>
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<td>Academic Status</td>
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<tr>
<td>Accelerated Program</td>
<td>45-46</td>
</tr>
<tr>
<td>Accreditation</td>
<td>17-18</td>
</tr>
<tr>
<td>Administrative, Officers of</td>
<td>3</td>
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<tr>
<td>Admission, Classification and Graduation</td>
<td>59-61</td>
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<td>18</td>
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<tr>
<td>Anthony-Seeger Campus School, Demonstrations and Student Teaching.</td>
<td>44</td>
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<td>Anthony-Seeger Campus School, Enrolling Children</td>
<td>40</td>
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<tr>
<td>Anthony-Seeger Campus School, Faculty of</td>
<td>12</td>
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<tr>
<td>Application for Admission</td>
<td>123-124</td>
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