

James Madison University

JMU Scholarly Commons

[All Bulletins](#)

[Bulletins](#)

2-1-1949

Bulletin Madison College, February, 1949

Madison College (Harrisonburg, Va.)

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

Recommended Citation

Bulletin Madison College, February, 1949 , VI, 2, Harrisonburg, (Va.): Madison College.

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



WILSON HALL
(Administration Building)

BULLETIN
MADISON COLLEGE
HARRISONBURG, VIRGINIA

SUMMER SESSION, 1949
FOR MEN AND WOMEN

EIGHT WEEKS' SESSION
JUNE 20—AUGUST 12
Students register Monday, June 20

BULLETIN

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

GENERAL STATEMENT

Madison College, a Virginia state college for women at Harrisonburg, was established in 1908 by the Legislature of Virginia. The College enrolls at the present time approximately 1,300 students in the winter session and 600 in the summer session.

The College is under the immediate control of the Virginia State Board of Education and is devoted primarily to the education of teachers. It also offers work in liberal arts, and in professional curricula such as business education, the education of dietitians, home economists, institutional managers, and other specialists in the home economics field. The College also offers pre-professional education for nurses, laboratory technicians, and students of law and medicine.

Eleven distinct curricula are offered by the College leading to the A.B., B.S., A.B. in Education, B.S. in Education, or the Bachelor of Music degree. The College offers also a two-year Curriculum in Business Education to a limited number of students.

The College is an accredited member of the Southern Association of Colleges and Secondary Schools, the American Association of Colleges for Teacher Education, the Association of American Colleges, and the Virginia Association of Colleges.

The expenses for a boarding Virginia student, including all expenses except for laboratory fees, books, and supplies, amount to \$123.00 for the session of eight weeks. Tuition for day students is \$43.00. For an out-of-state student the expenses are \$30.00 greater than a Virginia student.

Men as well as women are admitted to the summer session of the college. Rooming accommodations, as well as meals, will be provided at the college for men students.

Detailed information regarding the College will be found in the succeeding pages of this catalog.

SPECIAL FEATURES OF SUMMER SESSION

REFRESHER COURSE FOR TEACHERS

GUIDANCE WORKSHOPS—JUNE 20TH-JULY 15TH AND JULY 18TH-
AUGUST 12TH

EDUCATIONAL AND VOCATIONAL COUNSELING FOR STUDENTS

MUSIC WORKSHOPS—JUNE 20TH-JULY 15TH AND JULY 18TH-
AUGUST 12TH

Dr. Lester Bucher, State Supervisor of Education in Music,
and Mrs. Elizabeth C. Bennett, Directors

FOLK ARTS WORKSHOP—JUNE 20TH-JULY 15TH

WORKSHOP FOR SCHOOL LUNCHROOM EMPLOYEES—JUNE 27TH-
JULY 1ST

AUDIO-VISUAL EDUCATION

INSTITUTE ON PUBLIC EDUCATION

VETERANS ADMITTED UNDER GI BILL

COMPLETE PROGRAM FOR JUNIORS AND SENIORS IN ELEMENTARY
TEACHING AND SUPERVISION

TRAINING SCHOOL FOR STUDENT TEACHING AND OBSERVATION

REGULAR COURSES FOR SECONDARY TEACHING

SPEECH EDUCATION AND DRAMATICS

EDUCATION IN ARTS AND CRAFTS

COURSES IN LIBRARY SCIENCE

SPECIAL DORMITORY REGULATIONS FOR MATURE STUDENTS

ROOMING ACCOMODATIONS FOR MEN

DELIGHTFUL MOUNTAIN ENVIRONMENT:

Cool Nights

Elevation 1300 Feet

RECREATIONAL FACILITIES

Outdoor and Indoor Swimming Pools

Tennis Courts, Athletic Fields

Two Gymnasiums

Series of Lecturers and Artists

Excursions—Scenic and Historical

COLLEGE CAMP ON SHENANDOAH RIVER

NO CLASSES ON SATURDAYS

FEATURES TO BE ANNOUNCED LATER

A special summer session bulletin will be issued soon in which the full program of the College will be described. Plans are now under way for adding to the offering indicated in the catalog. Copies of the special bulletin may be obtained by writing to Percy H. Warren, Dean of the Summer Session.

EDUCATION AND NATIONAL PROGRESS

America has emerged victorious from the most critical war in its history and finds itself still confronted with the most serious and most complex problems of national progress. International cooperation for the promotion of peace, the preservation of our democratic way of life and the realization of democracy, freedom of speech, freedom of the press, freedom of religion for all peoples, economic or business recovery and reconversion, the promotion of the health and vigor of our people, the cultivation of our interests in the fine arts and the other significant inheritances of all times, are the problems that confront us as a nation and as individual citizens.

Even the most casual examination of these problems indicates unmistakably that their solution lies in education, in the elementary and secondary schools for the masses of our people and in the higher institutions of learning for our leadership.

The new army for the solution of these problems and for the winning of the peace then becomes an army of teachers—one just as vital and as necessary for our national welfare today as our military forces were during the recent war.

Many teachers may be tempted again by temporary financial inducements to leave the traditional fields of employment for women but America must still look to women to carry on the great undertakings of teaching, nursing, and the many occupations in the home economics field connected with the home and family life. As a nation, too, we shall suffer seriously if we do not attract to and hold in these professions more of our superior women.

THE ACCELERATED PROGRAM

When the demand in certain fields of employment is as great as it is today, many women and men alike wish to complete their education as quickly as possible. The programs of study at Madison College are organized so that students may graduate in three calendar years.

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 freshman who begins her work in the summer session must continue her work throughout her 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 Director of Guidance. The office of the Director of Guidance is in the basement of Reed Hall.

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 Advisers for their particular curriculum. The chairmen of these advisory groups for the summer are as follows: Curriculum I, Miss Anthony; Curricula II and III, Mr. Hounchell; Curricula IV, IX, and X, Mrs. Varner; Curricula V, XI, and B, Mr. Sanders; Curriculum VI, Miss Shaeffer; Curriculum VII, Mr. Frederikson; Curriculum VIII, Mr. Warren; and pre-professional programs, Mr. Gifford.

LABORATORY COURSE FOR ELEMENTARY TEACHERS

Education 40s is designed to meet the needs of experienced teachers who wish help on some of the newer phases of the Virginia elementary program. It will also be of particular value to graduates of liberal arts curricula who wish a practical introduction to teaching.

The course will meet two hours daily and will carry 6 semester hours credit. Students can carry one additional 3 hour course along with Ed. 40s but it alone will serve to renew a Virginia certificate.

The work in this course will be organized around practical problems the teachers will face this fall. One or more division superintendents and one or more elementary supervisors will visit the class for discussion of these problems. Among topics stressed in the course will be: recent developments in studying children and in making community surveys, activities in the elementary school, and efficient methods in building and maintaining mastery in fundamental skills. The Virginia Courses of Study will be frequently used so that the students will become thoroughly familiar with them.

HOME ECONOMICS PROGRAM

Courses in home economics for the summer are planned for four groups of students: first, students who wish to accelerate their programs; second, students in the elementary curriculum who need a year in general home economics; third, students who wish to elect courses in home economics; fourth, teachers who desire the newer knowledge of special home economics courses.

The courses which will accelerate the program are Directed Institution Management (H. E. 80), Child Development (H. E. 89), and Home Management Residence (H. E. 99).

Students in the elementary curriculum can complete a year's work in home economics (H. E. 47-H. E. 48) during the summer.

Four courses are designed as electives for any student registered in the College. Each course carries three credits and

is recognized by each curriculum in the College. They are Survey Courses in Home Economics (H. E. 47 and H. E. 48), School Lunch Management (H. E. 65), and Child Development (H. E. 89).

College graduates who have not had home economics courses in recent years and who wish to return to the field of vocational home economics teaching or to some other activity requiring home economics background may choose from the courses offered during the summer. Survey Course in Home Economics (H. E. 47) gives the most recent knowledge of nutrition presented in a simple way. Food is prepared to give the student knowledge of best procedures for good nutrition, palatability, and attractiveness. The teacher's contributions to the school lunch program with the educational implications are studied. The second course in the survey of home economics (H. E. 48) gives a practical background of knowledge in clothing selection, care, and construction. Money management, time, and energy as they pertain to the home are also a part of this course. The content is especially planned to meet the needs of the public school teacher and the business woman.

Child Development (H. E. 89) takes up the physical and psychological development of the child and is a desirable course for every teacher or parent. There is urgent need for more home economics teachers and it is hoped that former teachers will return to this field. Nutritionists, dietitians, research workers, and nursery school supervisors are also in demand.

At the request of the State Department of Education, Madison College is offering a workshop for supervisors and managers of school lunch programs in the public schools of Virginia—June 27th to July 1st, inclusive. There will be a college registration fee of \$7.50, a laboratory fee of \$2.50, and cost for room and board will be \$10.00, totaling \$20.00 for the week. This conference will be conducted by Mrs. B. R. Varner, Head of the Home Economics Department, Miss Helen G. Ward, Director of Virginia School Lunch Program, and members of the Home Economics and Dietary Staffs of Madison College.

PROGRAM IN LIBRARY SCIENCE

Courses in Library Science are planned for three groups of students: first, those who wish to prepare for full-time work in school libraries; second, those who are planning to teach in elementary or secondary schools and who wish to qualify as teacher-librarians and third, those who wish to elect one or more courses in Library Science as a part of their general education.

Successful completion of the course for full-time librarians will entitle the student to endorsement by the State Board of Education and to the Collegiate Professional Certificate for full-time librarianship in any Virginia public school. Completion of the shorter course for teacher-librarians will make possible the endorsement of the Collegiate Professional Certificate for part-time library work in the smaller schools of the state.

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.

AUDIO-VISUAL EDUCATION

The College offers a course in Audio-Visual Materials which is designed to acquaint teachers with the films, film strips, slides, and recordings available to 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 representatives in the schools for service from the bureaus of teaching materials established by the State Board of Education. One of these regional bureaus is located at the College and the films which it contains are available for the course.

Curricula in Business Education

A complete department of business education has been added to the college program, providing for opportunities to be educated not only for teaching commercial subjects but also for active participation in business or commerce. A limited amount of this work is given in the summer session.

Teachers in any curriculum can now receive credit for typewriting up to two semester hours to apply on renewal of their certificates. This credit in typewriting for elementary and secondary school teachers has been recently approved by the State Director of Certification.

Training in Speech and Dramatics

Because of the constant demand for better classroom speaking, correcting speech defects, and for training in public speaking, such courses have been added to the summer's offerings. Teachers who themselves direct high school dramatics will find the opportunities offered summer school students to participate in the presentation of a full-length play to be of great practical value.

MUSIC WORKSHOPS

Two Workshops in Music will be conducted during the summer session of 1949 under the direction of Dr. Lester S. Bucher, State Supervisor of Music for Virginia, and Mrs. Elizabeth C. Bennett.

The first Workshop for teachers of primary music will begin June 20th and continue through July 15th. The second Workshop for teachers of intermediate music will begin July 18th and continue through August 12th.

Each Workshop will carry 4 semester hours credit, the equivalent of 2 session hours.

A number of other experts in the field of education will assist Dr. Bucher and Mrs. Bennett.

The fee for each Workshop will be \$21.50; the fee for room, board, and laundry will be \$10.00 per week.

WORKSHOP IN FOLK ARTS

Mr. Richard Chase, well known folklorist, lecturer and author will conduct a workshop in folk arts at Madison College. The workshop will begin Monday, June 20th, and continue through July 15th.

The workshop is planned to meet the needs of elementary school and high school teachers, church workers, recreation leaders and others who work with children and youth.

The study and practice of traditional American-English songs, ballads, carols, hymns, folk games, figure dances, square dances and folk tales will be undertaken.

The workshop will carry four semester hours credit.

The fee for the Workshop will be \$21.50; the fee for room, board and laundry will be \$10.00 per week.

GUIDANCE

Madison College will offer two laboratory courses in guidance during the summer session of 1949 designed especially to meet the needs of teachers and administrators who want:

- (1) to earn credits for the renewal of certificates;
- (2) to meet the guidance requirements prescribed for high school accreditation by the State Board of Education;
- (3) to gain a greater knowledge of useful procedures and techniques in working with school children and youth;
- (4) to spend only four weeks in summer school in order to accomplish any or all of the purposes stated above.

The laboratory courses which will be given are:

CHILD STUDY AND GUIDANCE IN THE ELEMENTARY SCHOOL. *Four weeks (June 20th to July 15th; four periods daily; 6 semester hours credit.)*

GUIDANCE IN THE HIGH SCHOOL. *Four weeks (July 18th to Aug. 12th, four periods daily; 6 semester hours credit.)*

These courses in guidance will be directed by Mr. Alfred K. Eagle, Professor of Guidance at Madison College.

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 1949 will be on some timely topic in current education and will in all likelihood be held early in July. A program will be sent later to interested teachers, school administrators, and patrons.

The program as printed below was given on July 7th and 8th, 1948.

**FIFTH INSTITUTE ON PUBLIC EDUCATION
EDUCATION FOR WORLD UNDERSTANDING
AND WORLD PEACE**

FIRST SESSION: Wednesday Morning at 10:30 o'clock

Presiding: Walter J. Gifford, Dean of Madison College

THE ROLE OF EDUCATION AT HOME AND ABROAD

- (1) "EDUCATION FOR TODAY AND TOMORROW," Dean Harold Benjamin, University of Maryland
- (2) "EDUCATION IN EUROPE," (Discussion and Film), President John Taylor, University of Louisville

SECOND SESSION: Wednesday Afternoon at 3 o'clock

Presiding: Martha S. Grafton, Dean of Mary Baldwin College

BUILDING PEACE WITH UNESCO

Mrs. Louise Leonard Wright, Director, Chicago Council on Foreign Relations.

THIRD SESSION: Wednesday Evening at 8 o'clock

Presiding: W. Carroll Brooke, Rector, Trinity Episcopal Church, Staunton, Virginia

Music Program, Music Department, Madison College

THE ROLE OF THE CHURCH IN PROMOTING INTERNATIONAL GOOD WILL

Dr. Walter Van Kirk, Executive Secretary, Federal Council of Churches of Christ in America

FOURTH SESSION: Thursday Morning at 10 o'clock

Presiding: Sidney S. Negus, Professor of Chemistry, Medical College of Virginia

SOCIAL PROGRESS AND TECHNOLOGICAL ADVANCES AS THEY BEAR ON WORLD PEACE

- (1) "THE ROLE OF SOCIAL SCIENCE," President Colgate Darden, University of Virginia
- (2) "THE ROLE OF SCIENCE," (Discussion and Film), Dr. Harlow Shapley, Harvard University

SUMMER SCHOOL SCHOLARSHIPS

At the 1948 session of the Virginia General Assembly authority was given to the Governor to continue to grant certain scholarships to teachers and college students being educated for teaching, who are residents of Virginia and whose college work is being done or will be done in Virginia colleges, in order to increase the supply of teachers.

Six hundred summer school scholarships, not to exceed one hundred dollars each, were established for each year of the biennium for college graduates, teachers with normal professional certificates and emergency licenses based on two or more years of college training, and certain teachers in those subject matter fields in which the State Board of Education indicates there is a scarcity of teachers.

The State Board of Education has set up the following regulations for administering the scholarships:

Eligibility

The candidates must:

1. Be residents of Virginia.
2. Have scholastic ability and personal characteristics desirable for teaching.
3. Be (a) college graduates, or (b) holders of a Normal Professional Certificate, or (c) holders of an Emergency Teacher's License based on two or more years of college training, or (d) teachers who will take training in Physical and Health Education, Music, and Art, or (e) high school teachers who will take training in any of the following subject matter fields: Natural Sciences, Mathematics, Physical Education, Foreign Languages, Industrial Arts, Commercial Education, Agriculture, Home Economics, Trade and Industrial Education, Library Science, and Distributive Education.
4. Agree to take courses in an accredited Virginia four-year college and to sign a note covering the amount of the scholarship, and repay the loan with interest at 3% if prevented

from canceling the loan and interest by teaching for the full session (1949-50) following the summer school study. (Any recipient already committed to teaching for the full session 1949-50 in cancellation of a State scholarship previously held will be required to teach the first full session for which no previous scholarship commitments have been made.)

In the event the scholarship holder does not complete the summer school session, he will be liable for repayment of the scholarship with interest within a period of six months, and he will not have the privilege of canceling the loan by teaching.

On completing the session the recipient will have a transcript of credits earned sent to the State Department of Education.

Application Procedure

1. The division superintendent of schools under whom the applicant has taught must recommend candidates in the following classifications:
 - (a) Holders of a Normal Professional Certificate;
 - (b) Holders of an Emergency Teacher's License based on two or more years of college training;
 - (c) Teachers who agree to take special training in subject matter fields as follows: Natural Sciences, Physical Education, Mathematics, Foreign Languages, Industrial Arts, Music, Art, Commerical Education, Agriculture, Home Economics, Trade and Industrial Education, Library Science, and Distributive Education.
2. College graduates who have not been teaching must be certified by the head of the institution from which they graduated or the institution at which they expect to attend summer school.
3. The prescribed form, which may be secured from the division superintendent, must be used in submitting the application to the State Board of Education.
4. Applications for summer school scholarships must be submitted to the State Superintendent of Public Instruction not later than May 1, 1949.

Payment of Money

When the Governor approves a scholarship grant, and the recipient is reported by the College as enrolled with a full program in a summer school scheduled for eight weeks, he will be sent a check in care of the college for \$100 to pay his expenses, but before receiving the check the candidate must sign the prescribed note bearing interest from date at 3% which must be endorsed by a responsible adult.

If a recipient attends the full session of a summer school scheduled for less than eight weeks, the scholarship allotment may be reduced proportionately.

The following schedule will govern the allowances:

Seven weeks or more.....\$100

Nothing will be allowed for less than four weeks.

Workshops conducted for four or more weeks by the college, and for which college credit is allowed, may be considered as summer school work, and applications will be considered in accordance with the above schedule.

If further information concerning these scholarships is desired, write to Percy H. Warren, Dean of the Summer Session.

ADMISSION OF VETERANS

The following are the conditions under which veterans may enter Madison College under the GI Bill of Rights, as passed by Congress unless they are changed by Congress in the meantime:

"Educational aid for veterans is available from the Veterans' Administration provided: (1) You were discharged under conditions other than dishonorable; (2) you served 90 days or more (not counting the time in Army Specialized Training Program or Navy College Training Program, which course was a continuation of a civilian course and which was pursued to completion, or as a Cadet or Midshipman in a Service Academy) or were discharged or released from service because of an actual

service-incurred injury or disability; and (3) you start such education not later than four years after discharge or end of war (whichever date is later).

"Length of training: One year (or its equivalent in part-time study). If you complete these courses (except refresher or retraining courses) satisfactorily, you will be entitled to additional education or training not to exceed the length of time you spent in active service after September 16, 1940, and before the end of the present war (not including ASTP or Navy College program). No course of education or training shall exceed 4 years.

"Types of courses: You may select your own course at any educational or training institution which accepts you as qualified to undertake them, provided the institution is on the list approved by the Veterans' Administration.

"Types of educational institutions: Public or private, elementary, secondary and other schools furnishing education for adults; business schools and colleges; scientific and technical institutions; colleges, vocational schools, junior colleges, teachers' colleges, normal schools, professional schools, universities, and other educational and training institutions, including industrial establishments providing apprentice or other training on the job.

"Expenses paid: The Veterans' Administration will pay to the educational or training institution the customary cost of tuition, and such laboratory, library, infirmary and similar payments as are customarily charged, and may pay for books, supplies, equipment and such other necessary expenses (exclusive of board, lodging, other living expenses and travel) as are required. Such payments shall not exceed \$500 for an ordinary school year. By shortening the period of instruction, this amount may be increased under certain conditions.

"Living allowance under Public Law 346: The Veterans' Administration will also provide subsistence allowance of \$75 a month if you have no dependents, \$105 if you have one dependent, \$120 if you have two or more dependents. (This may be reduced, however, if you attend on a part-time basis or receive compensation for work done as part of your training).

"Living allowance under Public Law 16: The Veterans' Administration will also provide subsistence allowance of \$105 minimum for a single person a month and \$115 minimum for a married person a month, with \$10 for the first child and \$7 for each additional child. If 30% or more disabled, the rate for the single veteran a month is \$115; if married, it is \$135 per month, increased by \$20 for the first child and by \$15 for each additional child. (This may be reduced, however, if you attend on a part-time basis or receive compensation for work done as part of your training).

All training under this program must be completed within nine years. This nine-year period will expire July 25, 1956.

"You may also want to apply for school or college credit for what you learned in the service—or a record of it to show your prospective employer. For information and application blank, write to:

"ARMY—U. S. Armed Forces Institute, Madison 3, Wisconsin.

"NAVY—Bureau of Naval Personnel, Navy Department, Washington 25, D. C.

"MARINE CORPS—Marine Corps Institute, Marine Barracks, Washington 25, D. C.

"COAST GUARD—U. S. Coast Guard Headquarters, Washington 25, D. C."

The above statements are subject, of course, to change by the Federal Government.

OTHER OPPORTUNITIES AFFORDED BY THE SUMMER SESSION

The Collegiate Professional Certificate

This is the highest certificate given by the State Board of Education and for many years the teachers colleges have prepared the great majority of people earning this certificate. The summer school is composed largely of students who are now pursuing courses leading to this certificate.

The State Board of Education has discontinued the issuance of the Normal Professional certificate and teachers who enter the profession now are required to earn the Collegiate Professional certificate or have at least four years of college education. Teachers now at work in the field are finding that in many school divisions in Virginia standards are being raised so rapidly that obtaining this higher certificate is often the only means to real security in their profession. Curricula outlined in the latter part of the catalog prepare teachers for this goal in the elementary and secondary fields, and also in business education and in home economics teaching. At the present time there is a genuine shortage in the number of holders of the Collegiate Professional certificate in all branches of teaching.

The Renewal of Certificates

The most satisfactory of the various methods of certificate renewal is the completion of six semester hours work. With a little care in selection of courses they can also be applied on a diploma or a higher certificate.

Additional College Credits

Students at other colleges, including liberal arts colleges, have found in the past through the wide range of courses offered here a fine opportunity to make up deficiencies and secure advanced credit toward degrees and diplomas. As the student body at this institution has become more and more of junior and senior level, the offerings are much improved each year for such students as well as for students of the Madison winter session. Since the summer school is a regular and vital part of the school year, such students may save time in the completion of the work for a degree.

Broadening One's General Educational and Professional Equipment

Both 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 Your Program of Study

Correspondence with the dean of the college, with the dean of the summer session, 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 president of this college at an early date.

STUDENT COUNSELING

A counseling service was inaugurated at Madison College during the fall of 1945 under the supervision of a full-time director of student guidance and personnel.

Students having problems of educational and vocational choice are encouraged to arrange individual conferences with the director during office hours. A complete file of vocational information in the guidance office is available to students and assistance is provided for the intelligent use of the material.

To help students discover their dominant interests and aptitudes, a testing service is maintained. The director is glad to assist students to interpret the results of specialized tests in light of their vocational interests or choices. Trends in employment and opportunities in various fields of work are pointed out.

The dean of freshmen and the dean of women are available at all times to counsel students on social and personal problems.

AUDITORS OR OBSERVERS

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 regular rates for board but with observers' fee of \$1.00 per day, \$5.00 per week, or \$12.00 per session.

THE STATE BOARD OF EDUCATION

SUPT. BLAKE T. NEWTON, <i>President</i>	Hague
MRS. ROSE MACDONALD SKOGGS	Berryville
DR. EGDAR G. GAMMON	Hampden-Sidney
HON. LEONARD G. MUSE	Roanoke
HON. ROBERT BUTTON	Culpeper
MRS. GLADYS V. V. MORTON	Charlotte C. H.
HON. WILLIAM N. NEFF	Abingdon
MR. G. TYLER MILLER	Richmond
(State Superintendent of Public Instruction, Secretary)	

OFFICERS OF ADMINISTRATION

SAMUEL P. DUKE, A.M., LL.D.	<i>President</i>
WALTER J. GIFFORD, Ph.D.	<i>Dean of the College</i>
PERCY H. WARREN, M.A.	<i>Dean of the Summer Session</i>
HELEN M. FRANK, A.M.	<i>Registrar</i>
CLYDE P. SHORTS, A.M.	<i>Secretary of the Faculty</i>
HOPE F. VANDEVER, M.A.	<i>Dean of Women</i>
DOROTHY S. GARBER, B.S.	<i>Dean of Freshmen; Alumnae Secretary</i>
SUE J. RAINE, A.M.	<i>Assistant Dietitian</i>
JEAN COPPER, B.S.	<i>Assistant Dietitian</i>
WILLIETTE E. HOPKINS	<i>Director of Dormitories</i>
WALTER H. EARLY	<i>Superintendent of Buildings and Grounds</i>
HAYNES McMULLEN, M.S.	<i>Librarian</i>
FERNE R. HOOVER, M.A.	<i>Assistant Librarian</i>
MARTHA BOAZ, B.S., B.S. in Libr. Sci.	<i>Assistant Librarian</i>
WILDA COMER, B.A., B.S. in Libr. Sci.	<i>Assistant Librarian</i>
RUTH E. MILLER, B.S., B.S. in Libr. Sci.	<i>Assistant Librarian</i>
UNITY MONGER, M.D.	<i>School Physician</i>
EVA FRETWELL, R.N.	<i>School Nurse</i>
EDITH T. KEISTER, R. N.	<i>School Nurse</i>
H. K. GIBBONS, B.L.	<i>Business Manager</i>
BESS T. HAMAKER	<i>Assistant to the Business Manager</i>
ELIZABETH ANDERSON, B.C.S.	<i>Assistant to the Business Manager</i>
DORRIS McELYEA	<i>Assistant to the Business Manager</i>
MARGARET GOOD	<i>Assistant to the Business Manager</i>
ALMA FLICK	<i>Secretary to the President</i>
CAROLYN CARICOFÉ	<i>Assistant Secretary to the President</i>
THELMA K. BRANCH	<i>Secretary to the Dean</i>
CLAUDINE E. RINKER	<i>Assistant Secretary to the Dean</i>
PAULINE C. LONG	<i>Secretary to the Registrar</i>
RUTH PAINTER	<i>Assistant Secretary to the Registrar</i>
EDNA RITCHIE	<i>Secretary to the Dean of Freshmen</i>
REBA PHALEN	<i>Secretary to the Dean of Women</i>
HILDA POWERS	<i>Secretary to the Dietitian</i>
CHARLOTTE P. ALLEN, M.A.	<i>Secretary to Home Economics Department</i>
CLARA DAVIS, B. S.	<i>Secretary, Regional Film Library</i>
MARTHA HOUNCHELL, B.S.	<i>Secretary to the Directors of Training</i>
RUTH B. GROSE	<i>Secretary to Librarian</i>
MABEL YOUNG	<i>Manager, College Tea Room</i>
PEARL E. HOOVER	<i>Hostess</i>
MARY L. STEVENS	<i>Hostess</i>
ELIZABETH CURTIS	<i>Hostess</i>
ANNIE GARNETT	<i>Supply Room Clerk</i>
BERDIE MOYERS	<i>Superintendent, College Laundry</i>

THE FACULTY OF THE COLLEGE

(FOR THE SUMMER SESSION)

SAMUEL PAGE DUKE, A.B., A.M., LL.D.....*President*A.B., Randolph-Macon College; A.M.; Teachers College, Columbia University;
LL.D., Hampden-Sydney College; LL.D., Bridgewater College.

KATHERINE MINER ANTHONY, B.S., M.A.

Professor of Education; Director of Elementary Training Schools
B.S., M.A., George Peabody College for Teachers.

ELIZABETH C. BENNETT, A.B., A.M.

Assistant Professor of Music

A.B., Erskine College; A.M., Columbia University.

MARTHA T. BOAZ, B.S., B.S. in L.S.

Assistant Librarian; Assistant Professor of Library Science
B.S., Madison College; B.S., in Library Science, George Peabody College.MARIE LOUISE BOJE, A.B., A.M.....*Associate Professor of English*

A.B., Western Reserve University; A. M., Columbia University.

MARY MARGARET BRADY, A.B., M.A.

Assistant Professor of Business Education

A.B., Illinois College; M.A., State University of Iowa.

LESTER BUCHER, B.S., M.S., Ed.D.

*State Supervisor of Music in Virginia*B.S., State Teachers College, West Chester; M.S., University of Pennsylvania;
Ed.D., Columbia University.WILBERT CHAPPELL, B.S., A.M., Ph.D.....*Professor of Chemistry*

B.S., Ottawa University; A.M., Ph.D., University of Kansas.

RICHARD CHASE, B.S.....*Instructor in Folk Arts*

B.S., Antioch College.

WILDA COMER, B.A., B.S. in L.S.....*Assistant Librarian*

B.A., Madison College; B.S. in L.S., Carnegie Library School.

JEAN COPPER, B.S.....*Assistant Dietitian*

B.S., Madison College.

RUBY ETHEL CUNDIFF, A.B., M.S.....*Professor of Library Science*

A.B., Baker University; M.S., School of Library Service, Columbia University.

JAY L. CURTIS, A.B., A.M., Ph.D.....*Associate Professor of English*

A.B., A.M., Ph.D., University of North Carolina.

ALFRED K. EAGLE, B.S., M.A.

*Professor of Guidance; Director of
Student Guidance and Personnel*

B.S., University of Virginia; M.A., Teachers College, Columbia University.

HELEN M. FRANK, A.B., A.M.

Registrar; Associate Professor of Business Education

A.B., Fairmount College; A.M., Teachers College, Columbia University.

- OTTO F. FREDERIKSON, B. S., A.M., Ph.D.
Professor of History and Social Science
 B.S., State Teachers College, Emporia; A.M., Colorado State College of Education; Ph.D., University of Kansas.
- DOROTHY S. GARBER, B.S. *Dean of Freshmen*
 B.S., Madison College.
- WALTER JOHN GIFFORD A.B., A.M., Ph.D.
Professor of Education; Dean of the College
 A.B., Oberlin College; A.M., Ph.D., Columbia University.
- FRANCES R. GROVE, B.S., M.A. *Assistant Professor of Art*
 B.S., Madison College; M.A., Teachers College, Columbia University.
- CLARENCE R. HAMRICK, B.S., M.S., Ph.D.
Associate Professor of Education
 B.S., Hampden-Sydney; M.S., Ph.D., University of Virginia.
- RAUS McDILL HANSON, B.S., A.M. *Professor of Geography*
 B.S., Nebraska Wesleyan University; A.M., University of Nebraska.
- ANNE HARDESTY, B.S., M.A.
Associate Professor of Home Economics
 B.S., Madison College; M.A., Teachers College, Columbia University.
- FERNE R. HOOVER, A.B., M.A.
Assistant Librarian; Assistant Professor of Library Science
 A.B., Bridgewater College; M.A., George Peabody College for Teachers.
- PAUL HOUNCHELL, B.A., M.A., Ph.D.
Professor of Education; Director of Secondary Training Schools
 B.A., Georgetown College; M.A., Ph.D., George Peabody College for Teachers.
- CHARLES HERBERT HUFFMAN, A.B., A.M., Ph.D.
Professor of English
 A.B., Bridgewater College; A.M., Clark University; Ph.D., University of Virginia.
- J. EMMERT IKENBERRY, A.B., M.A., Ph.D.
Professor of Mathematics
 A.B., Bridgewater College; M.A., Ph.D., Cornell University.
- JOEL T. KIDD, B.A., M.A. *High School Counselor*
 B.A., University of Richmond; M.A., University of Virginia.
- JOHN N. McILWRAITH, B.S., A.M.
Professor of History and Social Science
 B.S., A.M., Teachers College, Columbia University.
- HAYNES McMULLEN, A.B., B.S., M.S.
Librarian and Professor of Library Science
 A.B., Centre College; B.S., M.S. in Library Science, University of Illinois.
- EDWIN DEWITT MILLER, A.B., M.A., Ph.D.
Associate Professor of Biology
 A.B., Bridgewater College; M.A., Ph.D., University of Virginia.

RUTH E. MILLER, B.S., B.S. in L.S.

Librarian, Harrisonburg High School
B.S., Madison College; B.S. in Library Science, George Peabody College for Teachers.

UNITY F. MONGER, B.S., M.D.

School Physician and Professor of Health Education
B.S., Madison College; M.D., Medical College of Virginia.

BENJAMIN W. PARTLOW, B.S., M.S.

Associate Professor of Physics
B.S., Washington and Lee University; M.S., George Washington University.

MELVIN A. PITTMAN, B.S., M.S., Ph.D. *Professor of Physics*
B.S., The Citadel; M.S., University of South Carolina; Ph.D., Johns Hopkins University.

SUE J. RAINE, B.S., A.M.

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

LONDON A. SANDERS, B.S., M.S., M.Ed.

Associate Professor of Business Education
B.S., M.S., University of Tennessee; M.Ed., University of Pittsburgh.

MARGUERITE C. SANGER, B.S., B.M. *Instructor in Music*
B.S., B.M., Madison College.

DOROTHY L. SAVAGE, B.S., M.A.

Associate Professor of Physical Education
B.S., M.A., Teachers College, Columbia University.

EDYTHE SCHNEIDER, B.M. *Assistant Professor of Music*
B.M., Chicago Conservatory; Pupil of Frank LaForge and Coenraad Bos, New York; student, Juilliard Summer School.

LELAND SCHUBERT, B.A., M.F.A., Ph.D. *Professor of English*
B. A., Ohio Wesleyan; M.F.A., Yale University; Ph.D., Cornell University.

MARY LOUISE SEEGER, B.S., A.M.

Associate Professor of Education
B.S., A.M., Teachers College, Columbia University.

EDNA TROUT SHAEFFER. *Associate Professor of Music*
Pupil of Dennee, New England Conservatory of Music, Boston; student, school of music and pipe organ, Teachers College, Columbia University.

CLYDE P. SHORTS, A.B., A. M. *Professor of Education*
A.B., University of Pittsburgh; A.M., Teachers College, Columbia University.

GLENN C. SMITH, B.S., M.S., Ph.D.

Associate Professor of History and Social Science
B.S., East Stroudsburg State Teachers College; M.S., Temple University; Ph.D., University of Virginia.

HOPE F. VANDEVER, A.B., M.A. *Dean of Women*
A.B., Baker University; M.A., Columbia University.

BERNICE REANEY VARNER, B.S., M.A.

Professor of Home Economics

B.S., M.A., George Peabody College for Teachers.

PERCY H. WARREN, B.S., M.A.

Professor of Biology; Dean of the Summer Session

B.S., College of William and Mary; M.A., Columbia University.

LOWELL M. WATKINS, B.S., M.A....*Assistant Professor of Music*

B.S., State Teachers College, West Chester; M.A., Teachers College, Columbia University.

TRAINING SCHOOL FACULTY

KATHERINE MINER ANTHONY, B.S., M.A....*Director of Training*

RUTH COOPER, B.S., M.A.

B.S., Radford College; M.A., George Peabody College for Teachers.

GLADYS G. CRAIG, B.S., M.A.

B.S., Madison College; M.A., George Peabody College for Teachers.

Additional appointments to the Training School Staff will be made later.

GENERAL INFORMATION

THE SUMMER SESSION

A large number of Virginia teachers have been concerned for several years in helping develop a program for the improvement of instruction organized around the needs and interests of boys and girls of the elementary and secondary schools. As a result of these efforts a large body of curriculum materials has emerged. Greater emphasis has been placed upon procedures and techniques which deal with the whole child in his total environment. At present, success of the Virginia program depends upon teachers in every school who can build by sound teaching on the beginnings already made.

Madison College has been closely identified with the Virginia program for the improvement of instruction from the beginning and is now engaged in phases of interpretation and evaluation of this program. Success now depends most of all upon adequately prepared teachers and librarians, both in liberal and professional education. The program of the College presents a balanced offering of academic and professional opportunities designed to help active teachers meet their responsibilities.

Summer School Emphases

The summer school at Madison emphasizes a number of features which should benefit teachers now working in elementary and secondary schools who want to become fully qualified for their work.

1. **General Preparation in College Courses.** Requirements for the college degree now call for eighty per cent or more of academic work. A full line of college courses in subject fields is a main part of the summer offering. Many teachers should give most attention to subjects which lead to college graduation.

2. **Faculty, Regular Staff.** All courses are taught by regular members of the staff or by visiting teachers of superior ability.

3. **Training School for Demonstration and Student Teaching.** The Training School will be in operation during the summer term. There will be three groups of elementary children and one of secondary level in grades seven and eight. All groups will be at Main Street School and all observations and directed teaching will be done there.

The supervisors in the Training School have all had definite experience in working with the Virginia courses of study. Each supervisor will teach demonstration lessons for college classes, and cooperate with the various workshops.

Directed Teaching for Transfers from Other Colleges. In the summer school of 1949 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 Miss Katherine M. Anthony, Director of Training, as early as possible.

4. **Emphasis on Music.** Interest in public school music is being quickened by the vigorous leadership of Dr. Glenn Gildersleeve and Dr. Lester S. Bucher, the State Supervisor of Music.

Status of the Summer Session

All of the work of the summer session is of collegiate grade. Full credit, except to special students, is given toward all certificates, diplomas, and degrees offered during the winter session for all work completed during the summer session except courses in business education. These will carry credit only for those majoring in business education.

The College is a member of the Association of Colleges and Secondary Schools of the Southern States and is a member also of the American Association of Colleges for Teacher Education, and the Association of American Colleges. This means that the graduates of the College receive full credit and value for their work in appropriate courses in standard universities and colleges of America.

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 first grade certificate or a certificate of higher rank. Teachers 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.

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 regular rates for board but with observers' fees of \$1 per day, \$5 per week, or \$12 per term.

Thorough provision with a definite scheme of guidance will be made for teachers, under this plan, to recuperate their physical strength in the invigorating mountain climate of the Valley and, at the same time, to renew their enthusiasm for, and grasp of, the newer and better ideals in teaching.

*Further details of admission of students are given under "Admission and Classification."

Location—Environment

Harrisonburg is a delightful city of 9,000 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 1300 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.

Mountain Climate and Scenery

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 of 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 60 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 of approximately \$3,000,000. The College group consists of twenty-two buildings, sixteen of them being constructed of native blue limestone with red tiled roofs. The infirmary and two small dormitories are converted residences. The College plant embraces an administration building, Wilson Hall; a service building, Harrison Hall, a science building, Maury Hall; the health education building, Walter Reed Hall; the James Madison Memorial Library; a student activities building, Alumnæ Hall; an infirmary, Cleveland Cottage; the President's residence, Hillcrest; a practice house for home economics; Wellington Apartments for faculty members; and twelve dormitories or residence halls—Jackson, Ashby, Spotswood, Sheldon, Johnston, Senior Hall, Junior Hall, Carter House, Lincoln House, Messick House, Sprinkel House, and Shenandoah Apartments. The equipment includes two gymnasiums and two swimming pools—one indoor, one outdoor.

Library

The Madison Memorial Library, a building constructed at a cost of \$140,000.00, has been occupied since 1939. It contains 51,000 books, including special collections of reference books, books on education, and juvenile books, each collection housed in a separate reading room. Fifteen newspapers and more than 280 magazines are received regularly.

Laboratories

Ample laboratory facilities are available for practical work in biology, chemistry, physics, home economics, audio-visual education, and fine and industrial arts. The kitchen, dining halls, and the college tea room are used as laboratory facilities in institutional management.

New Buildings

The Legislatures of 1942, 1944, and 1946 have appropriated \$862,500.00 for the construction at Madison College of an addition to the Science Hall, a new dormitory, a new infirmary, for remodeling and refurnishing Jackson, Ashby, and Spotswood Halls, and for a Music and Fine Arts building.

Living Accommodations

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 or the Dean of Women of the College.

Men Students

The College will be able to furnish dormitory and dining room accommodations for a limited number of men as well as women. The same rates will apply to both men and women.

Junior and Senior Halls P. W. A. Notice

Notice is hereby given to all students of Madison College that the College officials reserve the right to assign students to rooms in Senior Hall and Junior Hall in preference to rooms in other dormitories or living quarters. The purpose of the reservation of this right and its exercise is to assure maximum occupancy of such designated dormitories until the debt incurred in connection with their construction has been liquidated. The cost for room accommodations in these dormitories is the same as in other dormitories on the campus.

Opportunities for Recreation

The policy of the College at all times is to offer ample opportunities to its students for enjoyable and healthful recreation. This is especially true in the summer when many teachers need recreation, perhaps as much as they need instruction. The college is equipped with a large athletic field, tennis and volley ball courts, two gymnasiums, and two swimming pools. These make possible an inclusive and comprehensive program of general physical education for the entire student body.

Near the College is a golf club, the Spotswood Country Club, which is available to faculty members and students. There are also excellent courses at Staunton and New Market.

Excursions will be organized to visit such places as the beautiful caverns of the Valley, the Shenandoah National Park and the Skyline Drive, the Natural Bridge, the Natural Chimneys, or to take hikes to the tops of some of the nearby mountain peaks. Excursions are also made to places of civic and historic interest, such as Charlottesville, Washington, Lexington, and Williamsburg.

Sound Pictures

The College has the most improved type of sound picture equipment and will give sound pictures of both educational and popular type during the summer session. The cost is provided for in the regular fees.

Organs

A four-manual pipe organ has recently been installed in the auditorium and will be available for instructional, concert, and

chapel uses. For instructional purposes the college has provided a two-manual organ and a Hammond electric organ.

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 it will be seen that the program of recreation should provide that spirit of happiness and congeniality that is essential to the most successful work.

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 purchased and converted into a camp where students in large groups may go to spend a few days in recreation. This camp is used liberally by summer students.

Student Activities

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 school spirit that is so characteristic of the students of the college. A student government and honor system is developed to take care of the major problems of student government; swimming, dramatics, basket ball, volley ball, tennis, archery, golf, and other sports 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 extra-curricular activity.

Government of Students

Student Self-Government

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.

The following statement taken from the "Student Handbook" helps one understand the spirit of honesty and fair-play that are characteristic of Madison College.

"Every student who matriculates at Madison becomes a member of a community which enjoys a considerable degree of self-government. Truth and honesty are the basis of such community life. Only where there is a deep sense of personal integrity can there be the mutual trust and self-respect upon which any system of self-government must rest.

"Every member of the student association shares its obligations as well as its privileges. She must be willing to place the standards of the community above her own. She must accept responsibility not only for herself, but also for her fellow-citizens as well. It is presumed that every student who enrolls at Madison is a person of honor and that she will act honorably in all of her relations.

"The Honor System is established for the purpose of fostering and preserving these cherished ideals. Lying, cheating, stealing, and failure to report one of these breaches of honor are considered violations of the honor system, whose effective operation is entirely dependent upon each individual student. Each student is equally responsible and should conduct herself so as to be free of reproach or suspicion, and should also be prompt to prosecute dishonorable acts of others. Failure to subscribe to these practices injures the integrity of the group and reflects upon the entire college body."

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.

Faculty Control

It is required of every student who avails herself of the privileges of an education by the State at Madison College that she exhibit, at all times, the qualities of good citizenship as upheld and defined by the best public opinion of our Commonwealth. Nothing short of this can be permitted in a Virginia



THE CAMPUS FROM THE AIR



LEFT TO RIGHT: SPOTSWOOD, SHELDON, AND ALUMNAE HALLS
MAURY SCIENCE HALL



ABOVE—HOME MANAGEMENT DINING ROOM
BELOW—A GROUP AT TEA

College for women preparing to assume the duties and responsibilities of life in the school, in the home, or in the world outside.

The College does not have a long list of rules and regulations but a few general statements covering matters of importance are here given:

College Regulations

1. All 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 for good cause.

2. Permission for absence from classes, other than approved class cuts, is given only on account of sickness or of some unavoidable cause or emergency.

3. All students who do not reside at home or with a near relative are required to live in a college residence hall until all such accommodations have been reserved.

4. Students may room in private homes in town only when there is no room for such students in dormitories and only when their quarters are selected and approved by the President of the College.

5. Students who remain in private homes in Harrisonburg during short vacations will be subject to the same regulations as campus boarding students.

6. No resident student of the College may leave either the town or her room for the night without the approval of the Dean of Women. Permission to leave Harrisonburg must be granted in writing or in person by a student's parent or guardian.

7. All students missing classes or failing to report to residence halls on time immediately before or immediately after any college vacation must appear in person before the Administrative Council of the Faculty and furnish satisfactory excuses for their absences. A written excuse from a doctor is required for all absences due to illness.

8. Students are not permitted to use or have in their possession intoxicating liquors of any kind.

9. The college does not permit hazing in any form.
10. The Administrative Council and the President of the College must approve such action before the Student Government Council may suspend or dismiss a student from college.
11. The College is not authorized to extend credit to students. Each student must therefore pay all fees for the preceding terms before registering for a subsequent term.
12. Students may not use in their bedrooms any electrical appliances except radios and the use of these must conform strictly to the hours set for their use. A fee of 50 cents for the summer session is charged for each radio.
13. Students registering in College must register under their proper, legal names and students who are married while in College must immediately register under their married names.
14. No selling by anyone is permitted on the campus unless granted permission by the College except the bookstore, the tea room, and the agents of daily newspapers.
15. Good citizenship, as well as satisfactory scholastic achievement, is required of all students at all times and any student who conducts herself so as to disturb the sleep or study of other students will forfeit her right to a room in the College residence hall.

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.

Dining Hall and Tea Room

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 tea room will furnish lunch for day students who wish such provision.

Expenses

All fees are payable in advance.

College fees for Virginia students.....	\$ 43.00
Room, board, and laundry.....	\$ 80.00
Total	\$123.00

The above schedule of fees does not cover laboratory fees or the cost of books and supplies.

All students from other states are charged \$30.00 more per session than the above schedule of expenses.

If any student wishes to room alone she may secure such accommodations by paying \$8.00 additional. Single rooms are not available in Junior and Senior Halls on account of P.W.A. regulations.

Fees for room, board and laundry are \$10.00 per week and for fractional parts of a week \$1.50 per day.

Small additional charges are made for radios and rent of post office boxes.

Medical attention is provided only for boarding students.

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

Refunds

Fees

Refund of fees will not be made except in case of withdrawal of a student on account of illness or some other unavoidable emergency.

A student withdrawing for the above reasons within ten days after registering shall have fees refunded in full except the sum of \$7.50 to cover cost of registration and the name shall be stricken from the rolls.

If student withdraws or is dropped from the rolls for the above reasons after the tenth day of the semester and before the middle thereof, fees shall be returned pro rata.

If student withdraws or is dropped from the rolls for the above reasons after the middle of any semester, no refund shall be made for that semester except in case of sickness, when the refund shall be prorated upon certificate of the college physician or other reputable medical practitioner.

In any case, a minimum charge of \$7.50 shall be made to cover the cost of registration.

Room and Board

A student withdrawing from boarding department on account of illness or some other unavoidable reason will be entitled to a pro rata reduction of the charge for board, room and laundry.

No reduction in charge for board will be made for late entrance of less than 8 days, and no reduction in board will be made for absences during the term of less than 14 days, the rate of reduction to be 35% of the charge for board, room and laundry for the allowed time of absence.

A student withdrawing from the boarding department for any reason, other than illness or some other unavoidable reason, will only be entitled to a reduction of 35% of the charge for board, room and laundry for the time missed.

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 a teacher has practically one-half of each day in which to get into the open air and take trips to nearby caverns and points of historical interest, thus renewing his physical strength as he improves his professional equipment. No classes are held on Saturdays.

Excuses for Absences

Excuses for necessary absences are obtained from Dr. Gifford, Chairman of the Attendance Committee. Excuses for absences should be secured prior to the absence, if possible.

Scheme of Registration

Registration will begin at 9:30 A. M. in the Faculty room on Monday, June 20th. Complete schedule of registration hours is as follows:

9:30 A. M. to Noon; 1:30 P. M. to 4:30 P. M.; 7:30 P. M. to 9:30 P. M. (Faculty meeting 8:30 A. M.)

General Assembly of the College

A general assembly of the student body and faculty is held on each Wednesday and students and faculty members are required to attend this assembly.

ADMISSION, CLASSIFICATION AND GRADUATION

ADMISSION REQUIREMENTS

Madison College seeks to obtain as students young people possessing, in a high degree, the qualifications for intellectual and social leadership. Such qualities as good character, pleasing personality, good mental ability, excellent physical and mental health, and sincerity of purpose, are essential for future success. With these qualifications in mind, students are admitted on the following bases:

1. (a) Graduation from a public or private secondary school accredited by the State Board of Education or other recognized state accrediting agent of the state of residence. A complete record of secondary school work required on a form supplied by Madison College. Students ranking in the lower third of their graduating classes will not be admitted. In lieu of such record, one must complete examinations at the College before entrance.

- (b) Or the completion of a term, a semester, a year, or more of work in some other collegiate institution with a good scholastic record and honorable dismissal. Transcripts of the work completed in secondary school and also of the collegiate work are required.

2. A satisfactory report on the applicant's character personality, and intellectual promise made by the principal of the secondary school, these data to be supplied on the usual blank for certification for admission to college.

3. A health examination given by the applicant's physician certifying that the applicant is in good health, free from any communicable disease, and is physically capable of performing the usual duties required by the college program.

Experienced teachers who hold an elementary certificate but who have not fully met the requirements for graduation from high school should apply for information as to the requirements of the State Board of Education. Women over twenty years of age may be admitted as special students if satisfactory evidence is

shown that they have the ability to pursue successfully the courses for which they desire to register. No college credit will be given until entrance requirements are fully met.

Application for Admission

An admission blank appears at the back of this catalog. It should be filled in by the applicant and forwarded to the President of the College. No deposit fee is required for registration.

Advanced Standing

Students transferring from other institutions of collegiate rank must present a record of honorable dismissal and must satisfy the entrance requirements of this college. If a student is accepted for entrance, she will receive credit for all courses which are a fair equivalent of courses in the curriculum which she chooses. However, grades which are made on work done in other colleges and universities are not used in determining a student's average grade for classification or graduation.

Any student wishing to transfer credits from another college should *ask the registrar or dean of that college to send a full statement of credits to the President of this College several weeks in advance of the opening of this session.* Former students of this institution, whose courses have been interrupted, will conform to the requirements of the latest catalog. Students completing the four-year curricula are required to earn 128 semester hours of credit, and also to meet the qualitative standards of the College.

One college session hour of credit is the equivalent of two semester hours or three quarter hours. Beginning with the session 1947-'48, the semester hour became the unit of credit used at Madison College. A student bringing a total of 48 quarter hours receives credit for 32 semester hours, provided all courses are acceptable in the curriculum chosen.

Not more than twenty-five percent of the work toward any degree or diploma may be done through extension or correspondence, except that students who hold the Normal Professional Certificate may secure 40 semester hours in this way. Such work

shall be relevant to the degree or diploma for which the student is enrolled. Students will make arrangements with the Dean of the College in the choice of such courses.

Students with less than 28 semester hours of credit will be rated as freshmen. Students with 28 to 59 semester hours of credit and a quality rating of 1.75 will be rated as sophomores. Students with 60 to 92 semester hours of credit and a quality rating of 1.90 will be rated as juniors. Students with more than 92 semester hours of credit and a quality rating of 2.00 will be rated as seniors.

Selection of Curriculum and Courses

The work of guidance is fundamentally a coordination of all the various services of the college. The faculty and administration give each student necessary guidance in the choice of a curriculum and program of studies. Each of the various curricula has one or more faculty advisers. Conferences provide opportunity for reviewing a student's record, and making plans for her further work.

When it seems desirable, students may be allowed to transfer from one curriculum to another with the approval of the Dean of the College, although it frequently means some loss of time and credit. The student, however, must assume final responsibility for meeting the requirements of the curriculum which she selects.

The student's attention is called to the fact that, in the description of individual courses, a number have been described as "year courses." In these courses the completion of the year's work is required before full credit is given towards a diploma or a degree. Exceptions include students who bring a satisfactory record for a fraction of such year courses and, therefore, are allowed to enter the course in the second semester. The same principle holds in the summer session but is of necessity administered with more flexibility in the case of mature students. The summer session of 1949 will be equivalent to a half semester of eight weeks.

The College reserves the right not to organize any class, should there be less than five applicants.

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 as permission is secured of the Dean. Courses numbered 1-24 are intended for freshmen; 25-49 for sophomores; 50-74 for juniors; and courses 75-99 for seniors. An exception will be made in Business Education 31-32 and 33-34; freshmen in Curricula B, V, and XI with adequate preparation may be allowed to take these courses for credit.

Student Load

In all curricula the normal load in the winter session is represented by 16 semester hours of credit. The number of classroom periods will vary, depending upon the number of laboratory courses a student is taking. Any student including incoming freshmen may add to the normal load, one of the one-credit courses in applied music without special permission, making a load of 17 credits. Students of sophomore, junior, and senior standing, with a cumulative rating of "B" or better, may carry a load of 18 or 19 credits without special permission.

Sophomores who have completed in the preceding year not less than 30 hours of work, with a rating of "C" or better, may apply for additional credit not to exceed 19. The Chairman of the Committee of Advisers for that curriculum has power to grant approval in such cases. Juniors and seniors who are meeting the minimum quality rating of C (2.00), and who need an additional three-credit course for one or more semesters in order to meet the graduation requirements, may also take a load of 18 or 19 credits.

Nine or ten semester hours of credit is the standard load for students in the summer session. Students with excellent records who wish to carry eleven or twelve semester hours will secure the approval of the Dean of the College and the Chairman of Advisers for the curriculum being pursued.

The College assumes no responsibility for giving any credit for a course not listed on the program card in the Registrar's office.

Each student should select courses carefully, taking into consideration the requirements of her curriculum, her previous education for the work required in the various classes, and her interest and special aptitudes for the kinds of academic performance required in the courses. In order to avoid hasty, ill-considered courses, the student should seek the help of her curriculum adviser at the time of registration. Each student must accept responsibility for meeting the requirements of the curriculum she chooses.

After the student has completed her class schedule, no classes may be dropped, no additions made, and no transfers to other sections may be permitted without the approval of her curriculum chairman and the Dean of the College. In the first semester such changes as are necessary must be made during the first two weeks. After this deadline has passed, no student may ask to drop a class except at the mid-semester. At that time permission may be granted by the Dean of the College on the recommendation of the instructor and the curriculum chairman when it is evident that continuation in the class will be detrimental to the best interest of the student. At the beginning of the second semester a special day is set aside for necessary adjustments. In the summer session adjustments must be made during the first week.

Records of Students

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.

To be awarded any certificate, diploma, or degree a student must have a satisfactory record, not only as to grades and qualitative record in her studies, but also as to faithfulness in the performance of all College duties. *All financial accounts must be settled before the award of any diploma or certificate credit.*

On semester reports, grades are reported in letters—A, B, C, D, E, and F. A indicates distinctive achievement and genuine excellence; B, independence of work and high grade accuracy of knowledge; C, familiarity with the work of the course, and evi-

dence of growth and mastery; D, passable achievement, in work of such quantity and quality as to be allowed for graduation, provided it is balanced by better than average work in other courses; E, a condition which may be removed by examination, or, in a year course, by making a C in the succeeding semester; and F, failure which may not be removed by examination.

A student who has grades of E and F in more than 40% of her program is required to remove these conditions by another semester of work. When an E is made up by any other procedure than the repetition of the course, the highest grade obtainable is D.

Absence from examination is reported as X, which automatically becomes F, if a student does not present in the next semester a satisfactory excuse from some member of the administration. A mark of I means incomplete and is given only when a student, for sickness or some equally satisfactory reason, is unable to complete the work. If completed the next semester in residence, the grade will be determined in the usual way; otherwise the grade becomes an F.

A mark of W is used to indicate that a student has, with the permission of the Dean of the College, withdrawn from a course in which her work, at the time of withdrawal, was D or above. If a student is permitted to drop a course in which her work is E or F, at the time of withdrawal, this course will be noted as a failure and recorded as an F.

Attention is called to the establishment of year courses in a number of departments. Such courses are indicated in the course descriptions later on in this catalog. A record will be made when a student has finished a fraction of such a course but credit is withheld until the course is completed.

Qualitative Rating System

In keeping with current college practice, quality points are assigned per semester hour of credit as follows: A, 4 quality points; B, 3 quality points; C, 2 quality points; and D, 1 quality point. Thus the grade of B in a course bearing 3 semester hours credit would give 9 quality points; a grade of C, 6 quality points.

No quality points will be allowed for an E which is removed by examination, or otherwise, than by repetition of the course. Courses may be repeated, subject to the approval of the Dean or Classification Committee, in order to increase the number of quality points.

Students must make a minimum average grade of C (2.00) on those courses taken at Madison College which are offered for meeting requirements for a degree or a diploma. Students who entered this college prior to September 1, 1942 must make a scholarship index of 1.75. This index is computed by dividing the number of semester hours pursued into the number of quality points earned. For example, if a student takes 16 semester hours of work and earns 40 quality points, her scholarship index is 2.50.

If a student's scholarship index remains persistently below the standard, she will need to repeat courses in which she has made low grades, and to spend more than the normal amount of time in the curriculum. Summer school courses offer an excellent opportunity for such students.

Unsatisfactory Scholarship

The policy of Madison College is to encourage students in every way possible to continue their work in the institution until they receive their degrees. Special attention will be given to those who for one reason or another are not doing satisfactory work in their courses.

However, students who fail or are conditioned on fifty per cent of their work for any semester are placed on academic probation for the succeeding semester. A student failing to have a cumulative rating of 1.25 at the end of her first year of residence will be automatically dropped from the roll. Students whose ratings are less than 1.50 will also be dropped from the roll at the end of two years of residence.

Attendance and Excused Absences

All students are required to attend all regular exercises of the College from the first day of the session to the closing day, unless excused for a satisfactory reason. This includes classes and ex-

aminations, and also Wednesday assembly exercises. The Committee on Attendance has jurisdiction over the granting of excuses.

Boarding students will secure excuses for absences due to personal illness from the College Physician, for professional interviews from the Dean of the College, and for other reasons of weight from the Committee on Attendance. Day students will secure excuses for necessary absences from the Dean of the College.

Additional Requirements for Graduation

The majority of students can meet the requirements of Curriculum B in two years, and of Curricula I to XI in four years. Students whose work is of high standard may petition the Classification Committee to complete the work for a four-year curriculum in less than the usual time. Students whose work is below average will need to spend more time in residence.

Fifty per cent of the credits for a diploma must be obtained by residence work in this college. The same principle applies to candidates for a degree except that, in the discretion of the Classification Committee, three-fourths of a student's work may be accepted from other institutions provided the student brings a satisfactory record of previous work. The student must be a resident in this institution during the semester in which the requirements for a diploma or degree are completed. The minimum number of credits for a student graduating in one year of residence shall be 32 semester hours. *One year or two semesters must be spent in residence.*

A student who, for any acceptable reason, is absent from a class, not to exceed one-fifth of the time during a semester, will be required to do such extra work as the faculty may assign. This may necessitate a longer period of attendance to complete her work. The summer session is advantageous for this purpose.

Responsibility for meeting the requirements of any curriculum rests with the student. Each student who expects graduation at the end of any semester must file a written application with the Registrar at the opening of that semester.

Students in the teaching curricula will make application to the Registrar for Virginia teaching certificates the last semester in residence. Such students should consult the State Board of Education Bulletin, entitled "Regulations Governing the Certification of Teachers."

Degrees, Diplomas, and Certificates

Bachelor of Arts in Education

Granted upon the completion of Curriculum II as outlined for the A.B. degree in secondary education.

The holder is entitled to the Collegiate Professional Certificate. This certificate, valid for ten years, enables the holder to teach in high school those subjects in which she has specialized, and also in the upper elementary grades—six, seven, and eight. This certificate is renewable for ten-year periods.

Bachelor of Science in Education

Granted upon the completion of Curricula I, III, IV, V, and also VI as set up in catalogs previous to 1946-'47.

The holder is entitled to the Collegiate Professional Certificate, which is valid for ten years and renewable for like periods. Students completing Curriculum I may be employed in any grade in the elementary school, and may teach in the high school those subjects in which they have concentrated, for example, music, art, social science, or English. Students completing Curricula III, IV, and V, are entitled to teach in high school those subjects in which they have specialized, and also to teach in the upper elementary grades—six, seven, and eight. Students completing the old Curriculum VI leading to the degree of Bachelor of Science in Education are prepared to handle public school music, and, by a suitable choice of studies, may also prepare for regular elementary teaching or for teaching one or two other high school subjects.

Bachelor of Music

Granted upon completion of Curriculum VI as outlined in this catalog.

This curriculum has been set up to meet the need of students

desiring to specialize in music beyond a major or minor which can be earned in other curricula. By a suitable selection of courses students may prepare to teach vocal, instrumental, or applied music and will receive the Collegiate Professional Certificate. Students in other curricula may select courses which will give them a general education in music but which do not lead to certification.

Bachelor of Arts

Granted upon the completion of Curriculum VII, as outlined for the Bachelor of Arts degree.

Students who wish to specialize in the languages and do not wish to teach may take this degree with profit. They will be prepared to go on to graduate work in those fields of concentration which they have followed in college.

Bachelor of Science

Granted upon the completion of Curriculum VIII, as outlined for the Bachelor of Science degree.

Students who wish to specialize in the sciences may take this degree with profit. They will be able to continue for graduate degrees at other higher institutions, or, by careful choice of courses, may prepare for specialized work as laboratory technicians or research workers.

The Bachelor of Science degree is also offered for work done in the three non-teaching professional curricula—IX, X, and XI, and for specialized work in home economics and business education.

Secretarial Diploma

Granted upon the completion of Curriculum B, a two-year program of studies, which is devoted to the intensive preparation of stenographers, secretaries, and general clerical workers. All students interested in secretarial work who find it possible to remain in college for four years are urged to enroll in Curriculum XI, which offers the Bachelor of Science degree and a much more comprehensive preparation for stenographic and secretarial work. Those interested in teaching business subjects in high schools

should enroll in Curriculum V. The course requirements of Curriculum B are arranged in such a manner that a student who completes this curriculum may shift to either Curriculum XI or Curriculum V without loss of time or credit.

Extension and Renewal of Certificates

A certificate may be extended or renewed by the State Department of Education subject to the requirements of the State Board of Education. All students contemplating the renewal, extension, or reinstatement of a certificate should write to the *Coordinator of Teacher Education, State Board of Education, Richmond, Va.*, for instructions.

Typically, certificates are renewed by successful teaching, by reading the books in the Teachers' Reading Course, *and* by earning six semester hours credit. These credits may be offered toward a degree, if chosen with that purpose in mind.

Placement of Graduates

The College aims to be of the utmost service in bringing its graduates to the attention of prospective employers. Naturally, those students making the best scholarship and citizenship records, offering the best experience record, and having the most adequate education are in the greatest demand. All four-year graduates are expected to cooperate in furnishing adequate data to the Dean of the College who is director of placement. No charges are made for this service.

During the freshman and sophomore years students should investigate opportunities for work in those fields in which they desire to specialize.

Candidates for degrees who desire to obtain teaching positions in states other than Virginia must take responsibility for selecting such credits as will meet the requirements for certification in the state in which they desire to be certificated.

Correspondence is welcomed with alumnae and former students who wish to locate better positions. Frequently well-equipped alumnae can be aided in securing positions which mean a definite promotion.

Division superintendents and principals desiring teachers, and others desiring competent workers in those fields for which preparation is made at Madison College, are requested to state their needs to the Dean. Correspondence is invited at all times concerning the work of persons who are in attendance at the College. Interviews will be arranged at the convenience of the prospective employer.

Considerable help in placement can also be given graduates who have not prepared for teaching, such as dietitians, tea room managers, nutritionists, social workers, chemists, physicists, secretaries, and clerical workers. A careful record in the way of credentials and faculty testimonials is always on file so that prospective employers can be furnished adequate data about a graduate whether she is seeking promotion or is changing the type of work in which she has formerly been engaged.

PROGRAM OF STUDIES

GENERAL PLAN

The curricula offered have been planned to meet the conditions and needs of the state. All curricula, professional and non-professional, are directed toward the development of young people of sound scholarship, with poise and ability to think intelligently, and with the willingness and qualifications to work cooperatively with others in their chosen fields. A program of co-curricular activities supplements the curricular offerings as a means to the realization of these goals.

The College prepares teachers for kindergarten, primary, grammar grade, junior high school, high school, home economics, art, music, physical education, and business education. Graduates of the College are now successfully teaching in all grades of school work from the kindergarten through the high school, are holding positions as principals, teachers, and supervisors, and are giving instruction in colleges.

The College recognizes also its duty to prepare young women for occupations peculiarly adapted to women, such as dietitians, nutrition workers, commercial and home demonstration agents, laboratory technicians, secretaries, stenographers, clerical workers, nurses (pre-nursing), and homemakers.

The curricula leading to the Bachelor of Arts and the Bachelor of Science degrees enable students not interested in teaching to secure academic training equivalent to that offered in liberal arts colleges. The College also prepares students for advanced training in librarianship, medicine, law, psychology, welfare work, and other professions for which the A.B. and B.S. degrees are prerequisite.

Work completed at Madison College is fully credited at institutions of the highest rank and many students have pursued graduate courses with credit to themselves and to the College. A study of the records of those who undertake such work indicates that Madison College graduates are well prepared for university work.

CURRICULA OFFERED

1. Four-Year Curricula in Teacher Education

- Curriculum I. Bachelor of Science in Education
(Elementary Education)
- Curriculum II. Bachelor of Arts in Education
(Secondary Education)
- Curriculum III. Bachelor of Science in Education
(Secondary Education)
- Curriculum IV. Bachelor of Science in Education
(Home Economics Education)
- Curriculum V. Bachelor of Science in Education
(For Teachers of Business)
- Curriculum VI. Bachelor of Music*

2. Four-Year Curricula in Liberal Arts

- Curriculum VII. Bachelor of Arts
- Curriculum VIII. Bachelor of Science

3. Four-Year Non-Teaching Professional Curricula

- Curriculum IX. Bachelor of Science
(Institution Management)
- Curriculum X. Bachelor of Science
(General Home Economics)
- Curriculum XI. Bachelor of Science
(Business Education)

4. Two-Year Curriculum

- Curriculum B. Two-Year Curriculum for Secretaries

*Students entering this curriculum prior to September, 1946, will complete the curriculum as outlined in the annual catalog for 1945-'46.

PROGRAM FOR FRESHMEN

For freshmen whose choice of work and curriculum is not fully made the plan below is offered as a first-year program. A student following this program will be expected to choose her curriculum by the end of the freshman year.

On the other hand, a student who has fully decided upon one curriculum, will find specific recommendations regarding the choice of courses later on in this catalog, pages 54-72.

Faculty advisers will assist both groups at registration time in order that the wisest possible choices of subjects may be made both in the light of the student's preparation and her interests.

CONSTANTS	Class		Semester	
	Periods		Hrs.	
	Semester	I	II	Credit
Eng. 1-2.—Freshman English.....	3	3	3	3
S. S. 1-2.—American Government <i>or</i>				
S. S. 5-6.—American History.....	3	3	3	3
Science:	4	4	3	3
(Bio. 1-2.—General Biology				
(Chem. 1-2.—General Chemistry				
(P. S. 1-2.—General Physics				
P. E. 1-2.—Physical Education	3	3	1	1
TOTAL			10	10
ELECTIVES			6 or 6 or	
			7	7

Two of the electives listed below must be selected in addition to the constants. Students who are certain that they want to specialize in science may choose a second science from the group listed among the constants. Students who, without having made a final choice, are especially interested in one curriculum may advantageously select one course for its requirements. In addition, a student may take a single one-credit course, if her high school record seems to justify it.

Art 1-2. Basic Art

B. E. 10-20. Fundamentals of Business (elective only for Curricula V and XI)

Foreign Language: French, German, Latin, or Spanish

Geog. 5-6 Geographic Principles, or Geol. 31-32, General Geology

H. E. 1-2. Foods and Nutrition

Math. 5-6. College Algebra and Trigonometry

Mus. 1-2. Music Fundamentals

TOTAL	16 or	16 or
	17	17

Suggestions for Students for Whom No Specific Curricula Are Offered

Young women today are finding that an increasing number of vocational opportunities are being opened up to them. No college can offer specific curricula to meet all of these needs but Madison College does offer courses which make it possible for students to lay a solid foundation of preparation for a number of fields as indicated below.

Pre-Nursing

Students expecting to enter nursing can advantageously select Curriculum VIII. Subjects which bear most directly upon the work of nursing and which will prepare for ease of adjustment to the hospital training programs are as follows: Biology 1-2 and 27-28, Chemistry 1-2 and 35-36, and Psychology 31-32.

The modern nurse is expected also to have a broad background of culture and, for that reason, courses in English, social science, foreign language, and so forth are recommended. Students who complete the curriculum and earn the degree will find that they have a real advantage both in the school of nursing which they attend and in the securing of positions afterwards.

Pre-Technician

The rapid development of new drugs has created an increasing need for medical technologists who will work in connection with laboratories, hospitals, or occasionally with individual doctors in making analyses in the discovery of germs. In general the same recommendations as to curriculum and courses can be made for this group as for those preparing to go into nursing. Moreover, the candidates for admission to hospitals or universities which train technologists have laid down the following requirements: biology, twelve semester hours, including zoology; bacteriology, four semester hours; and chemistry, twelve semester hours. A third year of chemistry, quantitative analysis, and physics are also recommended. While the excellent student can crowd most of this into two or three years, students who wish the more adequate preparation will complete the curriculum. An additional year, or year and a half, of laboratory training is required in some hospitals or medical colleges.

Pre-Medical

In recent years an increasing number of graduates of Madison College are studying medicine. There is an apparent dearth of doctors and women are being welcomed in the medical schools.

Curriculum VIII again offers the best opportunity, though, students can prepare for medical training by pursuing other curricula. Not less than three years of carefully selected work, and preferably a degree, form the basis of entrance to our medical colleges. Medical colleges are interested in two types of preparatory education. They want students to be thoroughly grounded in biology, chemistry, physics, psychology, and English composition. They are also stressing the desirability of a broad cultural training in advanced English, foreign language, social science, philosophy, and so forth. Students are advised at the end of their college education to take the aptitude test of the Association of American Medical Colleges.

Pre-Legal

Students desiring to enter the study of law should in most cases take Curriculum VII and earn the Bachelor of Arts degree but they may take other curricula and obtain approximately the same preparation. Students who contemplate entering law school will need to become proficient in one or more foreign languages, in English—particularly composition and spoken English, in psychology, and in social science.

*Social Welfare Work**Personnel Work**Psychiatry*

A growing demand for workers in these fields can be met only as more women prepare themselves for such work. Any one of a number of curricula may be chosen but the student will need to specialize in social science and psychology. Concentration in these fields can be done along with preparation for teaching or in the liberal arts Curricula VII and VIII.

I. FOUR-YEAR CURRICULA IN TEACHER EDUCATION

Curriculum I was first set up in 1932 to meet a need for better equipped teachers for elementary schools. Students graduating in this curriculum will be prepared to teach in any of the elementary grades from the kindergarten through the seventh grade. The largest single demand for teachers is for graduates of this curriculum.

Curricula II and III are designed to meet the needs of teachers in junior and senior high schools who will work in the standard academic program. Students choosing the sciences should normally take the degree of Bachelor of Science in Education, and those taking the foreign languages, the Bachelor of Arts in Education. Students need to keep in mind that, unlike Curriculum I which is offered in only a few Virginia colleges, the equivalent of these two curricula is offered in a much larger number.

Curriculum IV is designed for teaching home economics in the high schools of the State. This curriculum meets the requirements of the Federal Board for Vocational Education. All graduates in this curriculum can earn a minor in science. By a careful choice of subjects a second minor may be obtained.

Curriculum V is a curriculum designed to meet the need of teachers of business—typewriting, shorthand, bookkeeping, and related business subjects. By a wise choice of electives, students can also prepare to teach in one or two other fields.

Curriculum VI has been revised so as to provide a more thorough preparation in music, both vocal and instrumental. Students entering prior to September, 1946 will complete the older set-up in the Bachelor of Science with a Major in Music. Students entering in September, 1946 and thereafter will secure the new Bachelor of Music degree. Students in other four-year curricula may still secure a major or a minor in music by a careful selection of courses.

CURRICULUM I

Bachelor of Science in Elementary Education

Constants in required semester hours of credit: Art, 9; English, 18; General Mathematics, 6; Geography, 6; Home Economics, 6; Music, 9; Physical and Health Education, 8; Psychology, 6; Science (Biological and Physical), 12; Social Science, 12; Education: Elementary Education, 8; Directed Teaching, 6; Philosophy of Education, 6. Total constants, 112. *Electives*, 16. Total, 128.

Freshman Year	Class Periods		Semester Hrs. Credit	
	Semester I	II	I	II
Eng. 1-2.—Freshman English	3	3	3	3
P. E. 1-2.—Physical Education	3	3	1	1
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2.....	4	4	3	3
S. S. 1-2.—American Government, or S. S. 5-6.—American History.....	3	3	3	3
Electives ¹			6	6
Sophomore Year			16	16
Art 1-2.—Basic Art ² or.....	5	5	3	3
Music 1-2.—Music Fundamentals.....	3	3		
Eng. 30.—Children's Literature.....	3	0	3	0
Eng. 50.—Voice and Diction.....	0	3	0	3
P. E. 33-34.—Physical Education Techniques.....	4	4	2	2
Psy. 31-32.—General Psychology.....	4	4	3	3
P. S. 31-32.—Fundamentals of Science.....	4	4	3	3
Electives ³			2	2
Junior Year			16	16
Art 55.—Art Education Problems.....	5	0	3	0
Ed. 51-52.—Elementary Education.....	5	5	4	4
Geog. 55.—Man's Physical World.....	3	0	3	0
Geog. 56.—Climates and Man.....	0	3	0	3
H. E. 47-48.—Survey Course in Home Economics....	5	5	3	3
Mus. 66.—Music Education for Elementary Children	0	3	0	3
S. S. 55-56.—Virginia History	3	3	3	3
Senior Year			16	16
Ed. 81-82.—Philosophy of Education.....	3	3	3	3
Ed. 90.—Directed Teaching ⁴			6 or 6	
H. Ed. 60.—Health Education	0	2	0	2
English Elective ⁵	3	3	3	3
Free Electives ³				
			16	16

¹Preferred courses: Art 1-2 or Mus. 1-2; Math. 7-8.

²Student must take both Art 1-2, Mus. 1-2, and Math. 7-8 before the junior year.

³Electives to bring the total number of credits to 128.

⁴One group arranges its schedule to teach in the fall semester and one group to teach in the spring semester.

⁵One semester of work must be in advanced literature.

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 two minors. Students will do well to consider the desirability of having these fields of concentration bear some relation to one another. *Students who wish to prepare for teaching the newer integrated Virginia program in the junior and senior high school may prepare to teach English, General Science, Social Science and History.*

The minor in General Science includes one year each of Biology, Chemistry, and Physics. It is normally expected that the major in Science will consist of one more year in each of two of these fields, though other combinations can be acceptably worked out, including the addition of Geology.

Curriculum advisers are assigned to all of these curricula to assist in the selection of suitable combinations of courses and of electives, and will work 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 suitable minors and related subjects.

MAJORS

<i>Curriculum II</i> <i>A.B. in Education</i>	<i>Curriculum III</i> <i>B.S. in Education</i>	<i>Curriculum VII</i> <i>A.B. in Liberal Arts</i>	<i>Curriculum VIII</i> <i>B.S. in Liberal Arts</i>
Art	Art	Art	Art
Biology	Biology	Biology	Biology
Chemistry	Chemistry	Chemistry	Chemistry
English	English	English	English
French	French	French	French
Latin	Latin	Latin	Latin
Library Science	Library Science	Mathematics	Mathematics
Mathematics	Mathematics	Music	Music
Music	Music	Philosophy and Psychology	Philosophy and Psychology
Philosophy and Psychology	Philosophy and Psychology	Physics	Physics
Physics	Physical Education	General Science	General Science
General Science	Physics	Social Science and History	Social Science and History
Social Science and History	General Science	Spanish	Spanish
Spanish	Social Science and History		
	Spanish		

MINORS

<i>Curriculum II</i>	<i>Curriculum III</i>	<i>Curriculum VII</i>	<i>Curriculum VIII</i>
Art	Art	Art	Art
Biology	Biology	Biology	Biology
Chemistry	Chemistry	Chemistry	Chemistry
English	English	English	English
French	French	French	French
Geography	Geography	Geography	Geography
Latin	Latin	Latin	Latin
Library Science	Library Science	Mathematics	Mathematics
Mathematics	Mathematics	Music	Music
Music	Music	Philosophy and Psychology	Philosophy and Psychology
Philosophy and Psychology	Philosophy and Psychology	Physics	Physics
Physics	Physical Education	General Science	General Science
General Science	Physics	Social Science and History	Social Science and History
Social Science and History	General Science	Spanish	Spanish
Spanish	Social Science and History		
	Spanish		

CURRICULUM II

Bachelor of Arts in Secondary Education

Constants in required semester hours of credit: English, 18; Fine Arts (Music or Art), 6; Foreign Language, 12 (18, if 6 credits are not taken in Mathematics); Physical and Health Education, 6; Psychology, 6; Science, 6; Social Science, 18; Education: Secondary Education, 6; Directed Teaching, 6; Philosophy of Education, 6. Total constants, 96. *Electives* including major and minors, 32. Total, 128.

Freshman Year	Class Periods		Semester Hrs. Credit	
	Semester I	II	I	II
Eng. 1-2.—Freshman English.....	3	3	3	3
P. E. 1-2.—Physical Education.....	3	3	1	1
Science: Biology 1-2, Chemistry 1-2, <i>or</i> Physics 1-2.....	4	4	3	3
S. S. 1-2.—American Government, <i>or</i> S. S. 5-6.—American History.....	3	3	3	3
Electives ¹			6	6
			16	16
Sophomore Year				
Eng. 31-32.—Survey of English Literature ²	3	3	3	3
Fine Arts (Music or Art).....	3	3	3	3
Foreign Language or Mathematics.....	3	3	3	3
P. E. 41-42.—Physical Education	2	2	1	1
Psy. 31-32.—General Psychology	4	4	3	3
Elective Sequence ³			3	3
			16	16
Junior Year				
Ed. 61-62.—Secondary Education.....	4	4	3	3
English ⁴	3	3	3	3
Foreign Language (if not completed) ¹	3	3	3	3
H. Ed. 60.—Health Education.....			2 or 2	
Social Science	3	3	3	3
Major, Minors, and Electives ³			-	-
			16	16
Senior Year				
Ed. 81-82.—Philosophy of Education.....	3	3	3	3
Ed. 90.—Directed Teaching (one semester).....			6 or 6	
Social Science (if not completed).....	3	3	3	3
Major, Minors, and Electives ³			-	-
			16	16

¹Students should elect a foreign language as two years (12 credits) of one foreign language are required in this curriculum. A third year in the same or a different foreign language is alternative with Math. 5-6. (Prerequisite: high school algebra and geometry.)

²Either Eng. 31-32 or Eng. 33-34 is required of English majors. Other students may elect any English course in the group of courses numbered from 25-74.

³Credits required for graduation, 128. See page 56 for a list of majors and minors.

⁴In addition to Eng. 50, the student may elect any English course numbered above 50.

CURRICULUM III

Bachelor of Science in Secondary Education

Constants in required semester hours of credit: English 18 (or 12)¹; Fine Arts (Music or Art), 6; Physical and Health Education, 6; Psychology, 6; Science (any two: Biology, Chemistry, and Physics), 12; Social Science (including Geography), 18; Education: Secondary Education, 6; Directed Teaching, 6; Philosophy of Education, 6. Total constants, 78 to 84. *Electives* including major and minors, 44-50. Total, 128.

	Freshman Year		Class Periods		Semester Hrs. Credit	
	Semester		I		II	
Eng. 1-2.—Freshman English.....	3	3	3	3	3	3
P. E. 1-2.—Physical Education.....	3	3	1	1		
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2.....	4	4	3	3		
S. S. 1-2.—American Government, or S. S. 5-6.—American History	3	3	3	3		
Electives ²			6	6		
			16	16		
Sophomore Year						
Eng. 31-32.—Survey of English Literature ³	3	3	3	3		
Fine Arts (Music or Art).....	3	3	3	3		
P. E. 41-42.—Physical Education ⁵	2	2	1	1		
Psy. 31-32.—General Psychology.....	4	4	3	3		
Social Science.....	4	4	3	3		
Major and Minors (Elective Sequence) ⁴			3	3		
			16	16		
Junior Year						
Ed. 61-62.—Secondary Education.....	4	4	3	3		
English ¹	3	3	3	3		
H. Ed. 60.—Health Education.....	2 or 2	2 or 2	2 or 2	2 or 2		
Social Science.....	3	3	3	3		
Major, Minors, and Electives ⁴			-	-		
			16	16		
Senior Year						
Ed. 81-82.—Philosophy of Education.....	3	3	3	3		
Ed. 90.—Directed Teaching (one semester).....			6 or 6	6 or 6		
Social Science (if not completed).....	3	3	3	3		
Major, Minors, and Electives ⁴			-	-		
			16	16		

¹Majors in art, mathematics, music, physical education, and science, will be permitted to offer only 12 semester hours of English, these to consist of Eng. 1-2, Eng. 50, and one literature course numbered above 50.

²Students who have already decided upon a major will select one elective in terms of that choice.

³Either Eng. 31-32 or Eng. 33-34 is required of English majors. Other students may elect any English course in the group of courses numbered above 25.

⁴Credits required for graduation, 128. See page 56 for a list of majors and minors.

⁵A student who is earning a major or a minor in physical education will take P. E. 31-32.

CURRICULUM IV*

Bachelor of Science in Home Economics Education

Constants in required semester hours of credit: American Government, or American History, 6; Art, 6; Biology, 6; Chemistry, 9; English, 12; Physical and Health Education, 7; Physics, 3; Psychology, 6; Social and Economic Problems, 6; Clothing and Textiles, 9; Foods and Nutrition, 12; Home Management, 7; The Family, 9; Education: Home Economics Education, 6; Directed Teaching in Home Economics, 6; Philosophy of Education, 6. Total constants, 116. Electives, 12. Total, 128.

	Freshman Year		Sophomore Year	
	Semester I	Semester II	Semester I	Semester II
Eng. 1-2.—Freshman English.....	3	3	3	3
P. E. 1-2.—Physical Education.....	3	3	1	1
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2.....	4	4	3	3
S. S. 1-2.—American Government or S. S. 5-6.—American History.....	3	3	3	3
Electives ¹			6	6
			16	16
Bio. 25-28.—Human Physiology and Bacteriology, or Bio. 1-2.—General Biology.....	4	4	3	3
Chem. 35r.—Organic Chemistry	4	0	3	0
H. E. 31-32.—Clothing and Textiles.....	5	5	3	3
H. E. 41-42.—Foods; Housing and Equipment.....	5	5	3	3
P. E. 41-42.—Physical Education.....	2	2	1	1
P. S. 40.—Household Physics ²	0	4	0	3
Psy. 31-32.—General Psychology.....	3	3	3	3
			16	16
Eng. 41-42.—Types of Modern Literature ³	3	3	3	3
H. Ed. 50.—Health of the Family	0	4	0	3
H. E. 55-56.—The Family	3	3	3	3
H. E. 59.—Clothing for the Family	5	0	4	0
H. E. 60.—Nutrition	4	0	3	0
H. E. Ed. 69.—Organization of Materials for Teaching Home Economics	0	3	0	3
S. S. 95-96.—Social and Economic Problems	3	3	3	3
Electives ⁴			-	-
			16	16
Ed. 81-82.—Philosophy of Education	3	3	3	3
H. E. Ed. 79.—Vocational Program in Home Economics	0	3	0	3
H. E. Ed. 90.—Directed Teaching			6	0
H. E. 89.—Child Development	0	3	0	3
H. E. 99.—Home Management Residence			0	4
Electives ⁴			-	-
			16	16

*Students wishing to major both in teaching home economics, Curriculum IV, and in institution management, Curriculum IX, may arrange to do so by electing work in the two fields and spending one additional semester in residence. Only students of high scholastic standing and excellent health should follow this plan.

¹Students who have made a definite decision to major in home economics should elect home economics, chemistry, and art although any of the electives in the program for freshmen will be fully credited in this curriculum.

²P. S. 1-2, freshman year, may be substituted for this course.

³Any other English course numbered 25 or above may be substituted.

⁴Electives to bring the total credits to 128 semester hours.

P. S. 40.—Household Physics²..... 0 4 0 3

CURRICULUM V

Bachelor of Science for High School Teachers of Business

Constants in required semester hours of credit: English, 12; Physical and Health Education, 6; Psychology, 6; Science, 6; Social Science (including Economics,) 18; Business Education: Shorthand and Stenography, 15; Accounting, 12; Typewriting, 6; Secretarial Practice and Filing, 2; Introduction to Business, 2; Business Mathematics, 3; Economic Geography, 2; Office Machines, 2; Business Law, 3; Merchandising, 2; Education: Secondary Education, 6; Directed Teaching in Business Education, 6; Philosophy of Education, 6. Total constants, 115. Electives, 13. Total, 128.

	Class Periods		Semester Hrs. Credit	
	I	II	I	II
Freshman Year				
Eng. 1-2.—Freshman English.....	3	3	3	3
P. E. 1-2.—Physical Education.....	3	3	1	1
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2	4	4	3	3
S. S. 1-2.—American Government, or S. S. 5-6.—American History.....	3	3	3	3
Electives ¹			6	6
			16	16
Sophomore Year				
B. E. 30.—Economic Geography.....	0	2	0	2
B. E. 31-32.—Typewriting	5	5	2	2
B. E. 33-34.—Shorthand	4	4	3	3
B. E. 50.—Merchandising	2	0	2	0
Eng. 41-42.—Types of Modern Literature ²	3	3	3	3
P. E. 41-42.—Physical Education	2	2	1	1
Psy. 31-32.—General Psychology.....	3	3	3	3
Electives ²			2	2
			16	16
Junior Year				
B. E. 55.—Advanced Typewriting.....	5	0	2	0
B. E. 56.—Secretarial Practice and Filing.....	0	5	0	2
B. E. 63-64.—Advanced Shorthand	4	4	3	3
B. E. 66-67.—Accounting	4	4	3	3
B. E. 60.—Office Machines.....	0	5	0	2
Ed. 61-62.—Secondary Education.....	4	4	3	3
H. Ed. 60.—Health Education.....	2	0	2	0
S. S. 71-72.—Economics	3	3	3	3
			16	16
Senior Year				
B. E. 78.—Stenography	0	3	0	3
B. E. 85-86.—Advanced Accounting.....	3	3	3	3
B. E. 95.—Business Law.....	3	0	3	0
Ed. 81-82.—Philosophy of Education.....	3	3	3	3
Ed. 90.—Directed Teaching			6 or 6	
Electives ³			-	-
			16	16

¹Students who have made a definite commitment to take this curriculum will elect Business Foundations, B. E. 10 and B. E. 20.

²Any other English course numbered from 25-74 may be substituted.

³Semester hours credit required for graduation, 128. At the end of the sophomore year the student should have earned 64 credits. Electives will include social science to bring total credits in that field to 18.

CURRICULUM VI

Bachelor of Music Degree¹

Constants in required semester hours of credit: English, 12; History and Social Science, 12; Physical and Health Education, 6; Psychology, 6; Education: Music Education, 6; Directed Teaching, 6; Philosophy of Education, 6; Science: Physics of Music, 6; Music, 56. Academic electives, 12. Total, 128.

PLAN I
Freshman Year

	Class Periods		Semester Hrs. Credit	
	Semester I	II	I	II
Eng. 1-2.—Freshman English.....	3	3	3	3
P. E. 1-2.—Physical Education I.....	3	3	1	1
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2 ²	4	4	3	3
S. S. 1-2.—American Government, or S. S. 5-6.—American History.....	3	3	3	3
Electives ³			6	6

Sophomore Year

Eng. 41-42.—Types of Modern Literature.....	3	3	3	3
Psy. 31-32.—General Psychology.....	3	3	3	3
P. E. 41-42.—Physical Education.....	2	2	1	1
Social Science.....	3	3	3	3
Music 31-32.—Harmony II	3	3	3	3
Music 41-42.—Keyboard Harmony.....	2	2	1	1
Applied Music Major: Voice, Piano, or Organ.....	2	2	2	2
Applied Music Minor	2	2	1	1

Junior Year

Music Education 65.—Jr. and Sr. High.....	3	0	3	0
Music Education 66.—Elementary	0	3	0	3
Music 53-54.—Music History and Appreciation.....	3	3	3	3
Music 61-62.—Counterpoint	2	2	2	2
Music 71-72.—Conducting	2	2	1	1
Applied Music Major: Voice, Piano, or Organ.....	2	2	2	2
Applied Music Minor	2	2	1	1
Academic Electives ⁴			-	-

Senior Year

Ed. 81-82.—Philosophy of Education.....	3	3	3	3
Ed. 90.—Directed Teaching			6 or 6	
H. Ed. 60.—Health Education	2 or 2	2	2 or 2	
Music 91-92.—Composition	2	2	2	2
Applied Music Major	2	2	2	2
Applied Music Minor	2	2	1	1
Academic Electives ⁴			-	-

15 15

¹This curriculum replaces Curriculum VI—Bachelor of Science in Education with Music Major. Students who started the older program will complete that program as outlined in the Annual Catalog for 1945-1946. There are two options in this curriculum. Students may prepare to teach vocal school music, voice, piano, or organ (Plan I), or instrumental school music (Plan II). More than four years of work will be required of students who wish to complete both majors.

²It is recommended that music majors register for Physics 1-2. One section, Physics of Music, is especially designed for their needs.

³Students who have made a definite decision to pursue Curriculum VI should elect the following music courses: Music 11-12, Harmony I; Applied Music Major—Piano 11-12, Voice 11-12, or Organ 11-12; Applied Music Minor—Piano 1-2, Voice 1-2, Organ 1-2, or any orchestral instrument 1-2.

⁴To bring the total number of credits to 128.

PLAN II

Freshman Year	Class Periods		Semester Hrs. Credit	
	Semester	I II	I II	I II
Eng. 1-2.—Freshman English	3	3	3	3
P. E. 1-2.—Physical Education I.....	2	2	1	1
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2 ¹	3	3	3	3
S. S. 1-2.—American Government, or S. S. 5-6.—American History	3	3	3	3
Electives ²	-	-	-	-
			17	17
Sophomore Year				
Eng. 41-42.—Types of Modern Literature.....	3	3	3	3
Psy. 31-32.—General Psychology	3	3	3	3
Social Science	3	3	3	3
Music 31-32.—Harmony II	3	3	3	3
Music 41-42.—Keyboard Harmony.....	2	2	1	1
Music 51-52.—Instrumental Music.....	2	2	1	1
Applied Music—Major Instrument	2	2	2	2
Applied Music—Minor Instrument	2	2	1	1
			17	17
Junior Year				
H. Ed. 60.—Health Education	2 or 2		2 or 2	
Music Ed. 65.—Jr. and Sr. High School.....	3	0	3	0
Music Ed. 66.—Elementary	0	3	0	3
Music 51-52.—Instrumental Music.....	2	2	1	1
Music 61-62.—Counterpoint	2	2	2	2
Music 71-72.—Conducting	2	2	1	1
P. E. 41-42.—Physical Education	2	2	1	1
Applied Music—Major Instrument	2	2	2	2
Applied Music—Minor Instrument	2	2	1	1
Academic Electives ³	-	-	-	-
			15	15
Senior Year				
Ed. 81-82.—Philosophy of Education.....	3	3	3	3
Ed. 90.—Directed Teaching			6 or 6	
Music 51-52.—Instrumental Music.....	2	2	1	1
Music 91-92.—Composition	2	2	2	2
Applied Music—Major Instrument	2	2	2	2
Applied Music—Minor Instrument	2	2	1	1
Academic Electives ³	-	-	-	-
			15	15

¹It is recommended that music majors register for Physics 1-2. One section, Physics of Music, is especially designed for their needs.

²Students who have made a definite decision to pursue Curriculum VI should elect the following music courses: Music 11-12, Harmony I; Applied Music Major—Piano 11-12, Voice 11-12, or Organ 11-12; Applied Music Minor—Piano 1-2, Voice 1-2, Organ 1-2, or any orchestral instrument 1-2.

³To bring the total number of credits to 128.

II. FOUR-YEAR CURRICULA IN LIBERAL ARTS

Since Virginia has provided four state colleges distinctly for the general education of women, they have been given the privilege of offering standard liberal arts work leading both to the Bachelor of Arts and the Bachelor of Science Degrees. The requirements for the majors and minors are indicated on page 56.

In Curriculum VII the emphasis is laid on language. It is possible, however, through electives to obtain a broad, general cultural education. A student may specialize in fields of study which may be continued in graduate work. This curriculum affords a good foundation for the later study of law or library science. The A.B. degree is given on completion of this curriculum.

Curriculum VIII emphasizes science and has large possibilities through electives for general education and as a preparation for graduate study. This curriculum should be taken by those who expect later to take training to become nurses, medical technologists, or physicians. The B.S. degree is given on completion of this curriculum.

Students desiring to do graduate study leading to such professions as psychiatry, personnel work, and social welfare can advantageously take one of these curricula and specialize in psychology and social science.

Additional standard courses in foreign language, English, and Biblical literature may be taken as electives. Subject to the approval of the Curriculum Adviser or the Dean of the College, *not more than 12 semester hours of credit may be earned in the professional or semi-vocational fields:* library science education, physical education, business education, and home economics. Such electives must be chosen from those courses numbered from 50 to 99. Vocational courses taken in the freshman year as part of the Program for Freshmen will also be included in the 12 hours noted above (Page 51).

CURRICULUM VII

Bachelor of Arts—Liberal Arts

Constants in required semester hours of credit: English, 12; Fine Arts (Music or Art), 6; Foreign Language, 12 (18 if 6 credits are not taken in Mathematics); Philosophy, 6; Physical and Health Education, 6; Psychology, 6; Science (any two; Biology, Chemistry, and Physics), 12; Social Science (including Geography), 18. Total constants, 84. *Electives*, including major and minors, 44. Total, 128.

Freshman Year

	Class Periods		Semester Hrs.		Credit	
	Semester I	II	I	II	I	II
Eng. 1-2.—Freshman English.....	3	3	3	3	3	3
P. E. 1-2.—Physical Education	3	3	1	1		
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2	4	4	3	3		
S. S. 1-2.—American Government, or S. S. 5-6.—American History	3	3	3	3		
Electives ¹			6	6		
			16	16		

Sophomore Year

Eng. 31-32.—Survey of English Literature ²	3	3	3	3		
Foreign Language or Mathematics.....	3	3	3	3		
P. E. 41-42.—Physical Education	2	2	1	1		
Psy. 31-32.—General Psychology.....	4	4	3	3		
Second Science	4	4	3	3		
Electives ³	3	3	3	3		
			16	16		

Junior Year

Foreign Language, (if not completed).....	3	3	3	3		
H. Ed. 40.—Hygiene	2 or 2	2	2 or 2	2		
Social Science	3	3	3	3		
Major, Minors, Electives ³			-	-		
			16	16		

Senior Year

Phil. 91-92.—Fundamentals of Philosophy.....	3	3	3	3		
Social Science (if not completed).....	3	3	3	3		
Major, Minors, Electives ³			-	-		
			16	16		

¹Students should choose a foreign language, two years (12 credits) of which are required. A third year in the same or a different language is alternative with Math. 5-6 (Prerequisite: high school algebra and geometry.)

²Either Eng. 31-32 or Eng. 33-34 is required of English majors. Other students may elect any English course in the group of courses numbered 25-74.

³Credits required for graduation, 128. See page 56 for a list of majors and minors.



WORK IN ART



FOODS AND NUTRITION

CURRICULUM VIII

Bachelor of Science—Liberal Arts

Constants in required semester hours of credit: English, 12; Fine Arts (Music or Art), 6; Mathematics, 6; Physical and Health Education, 6; Psychology, 6; Science: (any two: Biology, Chemistry, and Physics), 18; Social Science (including Geography), 18. Total constants, 72. *Electives* including major and minors, 56. Total, 128.

Freshman Year

	Class Periods		Semester Hrs. Credit	
	I	II	I	II
Eng. 1-2.—Freshman English.....	3	3	3	3
P. E. 1-2.—Physical Education	3	3	1	1
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2	4	4	3	3
S. S. 1-2.—American Government, or S. S. 5-6.—American History	3	3	3	3
Electives ¹			6	6
			16	16

Sophomore Year

Eng. 31-32.—Survey of English Literature ²	3	3	3	3
Fine Arts (Music or Art).....	3	3	3	3
P. E. 41-42.—Physical Education.....	2	2	1	1
Psy. 31-32.—General Psychology	4	4	3	3
Science	4	4	3	3
Electives sequence ³	3	3	3	3
			16	16

Junior Year

H. Ed. 40.—Hygiene	2 or 2		2 or 2	
Science (if not completed).....	4	4	3	3
Social Science	3	3	3	3
Major, Minors, Electives ³			-	-
			16	16

Senior Year

Social Science (if not completed).....	3	3	3	3
Major, Minors, Electives ³			-	-
			16	16

¹Students should choose as one elective, Math. 5-6. (Prerequisite: high school algebra and geometry.)

²Either Eng. 31-32 or Eng. 33-34 is required of English majors. Other students may elect any English course in the group of courses numbered 25-74.

³Credits required for graduation, 128. See page 56 for a list of majors and minors.

III. FOUR-YEAR NON-TEACHING PROFESSIONAL CURRICULA

Curriculum IX leads to a bachelor of science degree with a major in Dietetics and Institution Management. This course also provides a minor in science. This curriculum meets the requirements set up by the American Dietetic Association. Graduates are eligible for entrance as interns in hospital and administrative courses approved by the American Dietetic Association. This single year of successful apprentice training gives the graduate active membership in the Association and enables her to accept a full-time position as a graduate dietitian. Other graduates enter commercial fields with industrial plants, public service companies, school lunch rooms, government cafeterias, as hostesses in commercial tea rooms, American air lines, and so forth. The field of institution management and dietetics is steadily expanding and offers possibilities for various types of employment.

Curriculum X which leads to the Bachelor of Science degree in General Home Economics is planned to give freer selection than is possible in the other home economics curricula, so that a student can follow her line of special interest to a larger degree. Students who choose Curriculum X have 36 semester hours of elective work. It is possible to have a home economics major and an additional major in art, science, English, social science, music or some other field in which the student shows aptitude and interest. This curriculum offers splendid equipment for the responsibilities of home making.

Curriculum XI, which leads to the Bachelor of Science degree in Business Education, is available for students who desire a thorough and adequate training as secretaries and office workers. Students who undertake this course are equipped to go on to graduate work in the field of business education and commerce. Such students will do well to elect a modern foreign language.

To meet the interests of individual students, Curriculum XI may be varied to include majors in accounting, or in secretarial science combined with a minor in biology, chemistry, or physics, when preparation for a career in those industries in which scientific knowledge is fundamental to placement, security, and advancement, is the vocational objective.

CURRICULUM IX*

Bachelor of Science in Institution Management**

Constants in required semester hours of credit: American Government or American History, 6; Art, 6; Biology, 6; Chemistry, 12; English, 12; Physical and Health Education, 7; Physics, 3; Psychology, 6; Social and Economic Problems, 6; Clothing and Textiles, 6; Foods and Nutrition, 17; Home Management, 7; The Family, 9; Education, 3; Institution Management, 12. Total constants, 118. *Electives*, 10. Total, 128.

Freshman Year	Class Periods		Semester Hrs. Credit	
	Semester I	II	I	II
Eng. 1-2.—Freshman English	3	3	3	3
P. E. 1-2.—Physical Education	3	3	1	1
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2	4	4	3	3
S. S. 1-2.—American Government, or S. S. 5-6.—American History	3	3	3	3
Electives ¹			6	6
Sophomore Year			16	16
Bio. 25-28.—Human Physiology and Bacteriology.....	4	4	3	3
Chem. 35r-38.—Organic Chemistry; Biochemistry.....	4	4	3	3
H. E. 31-32.—Clothing and Textiles.....	5	5	3	3
H. E. 41-42.—Foods; Housing and Equipment.....	5	5	3	3
P. E. 41-42.—Physical Education	2	2	1	1
Psy. 31-32.—General Psychology	3	3	3	3
Junior Year			16	16
Ed. 67.—Principles of Education	3	0	3	0
Eng. 41-42.—Types of Modern Literature ²	3	3	3	3
H. Ed. 50.—Health of the Family	0	4	0	3
H. E. 55-56.—The Family	3	3	3	3
H. E. 60.—Nutrition	4	0	3	0
P. S. 40.—Household Physics ³	0	4	0	3
S. S. 95-96.—Social and Economic Problems	3	3	3	3
Electives ⁴			-	-
Senior Year			16	16
H. E. 80.—Directed Institution Management			0	6
H. E. 81-82.—Institution Buying; Accounting	3	3	2	2
H. E. 87.—Institution Organization and Management	2	0	2	0
H. E. 89.—Child Development	3	0	3	0
H. E. 96.—Experimental Cookery	0	3	0	2
H. E. 98.—Diet in Disease	0	4	0	3
H. E. 99.—Home Management Residence			4	0
Electives ⁴			-	-
			16	16

*Students wishing to major in teaching home economics, Curriculum IV, and in institution management, Curriculum IX, may arrange to do so by electing work in the two fields and spending one additional semester in residence. Only students of high scholastic standing and excellent health should follow this plan.

**This plan meets the requirements of the American Dietetic Association.

¹Students who have made a definite decision to major in home economics should elect home economics, chemistry and art although any of the electives in the program for freshmen will be fully credited in this curriculum.

²Any other English course numbered 25 or above may be substituted.

³P. S. 1-2, freshman year, may be substituted for this course.

⁴Electives to bring the total credits to 128 semester hours.

CURRICULUM X*

Bachelor of Science in Home Economics

(General Curriculum)

Constants in required semester hours of credit: American Government or American History, 6; Art, 6; Biology, 6; Chemistry, 9; English, 12; Physical and Health Education, 7; Psychology, 6; Social and Economic Problems, 6; Clothing and Textiles, 6; Foods and Nutrition, 12; Home Management, 7; The Family, 9. Total constants, 92. *Electives*, 36. Total, 128.

	Freshman Year		Class Periods		Semester Hrs. Credit	
	Semester I	Semester II	I	II	I	II
Eng. 1-2.—Freshman English	3	3	3	3	3	3
P. E. 1-2.—Physical Education	3	3	1	1	1	1
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2	4	4	3	3	3	3
S. S. 1-2.—American Government, or S. S. 5-6.—American History	3	3	3	3	3	3
Electives ¹			6	6	6	6
			16	16	16	16
Sophomore Year						
Bio. 25-28.—Human Physiology and Bacteriology, or Bio. 1-2.—General Biology	4	4	3	3	3	3
Chem. 35r.—Organic Chemistry	4	0	3	0	3	0
H. E. 31-32.—Clothing and Textiles	5	5	3	3	3	3
H. E. 41-42.—Foods; Housing and Equipment.....	5	5	3	3	3	3
P. E. 41-42.—Physical Education	2	2	1	1	1	1
Psy. 31-32.—General Psychology	3	3	3	3	3	3
Electives			-	-	-	-
			16	16	16	16
Junior Year						
Eng. 41-42.—Types of Modern Literature ²	3	3	3	3	3	3
H. Ed. 50.—Health of the Family	0	4	0	3	0	3
H. E. 55-56.—The Family	3	3	3	3	3	3
H. E. 60.—Nutrition	4	0	3	0	3	0
S. S. 95-96.—Social and Economic Problems	3	3	3	3	3	3
Electives			-	-	-	-
			16	16	16	16
Senior Year						
H. E. 89.—Child Development	0	3	0	3	0	3
H. E. 99.—Home Management Residence.....			4	0	4	0
Restricted Electives (Art and Home Economics).....			3	3	3	3
Free Electives ³			-	-	-	-
			16	16	16	16

*Students who choose Curriculum X have 36 semester hours to be elected. It is possible to have a home economics major and an additional major in art, science, English, social science, music, or some other field in which the student shows aptitude and interest.

¹Students who have made a definite decision to major in home economics should elect *home economics*, *chemistry*, and *art* although any of the electives in the program for freshmen will be fully credited in this curriculum.

²Any other English course numbered 25 or above may be substituted.

³Electives to bring total credits to 128 semester hours.

CURRICULUM XI

Bachelor of Science Degree in Business Education

Constants in required semester hours of credit in Plan I: English, 12; Physical and Health Education, 6; Psychology, 6; Science, 6; Social Science (including Geography), 18; Business Education: Accounting, 12; Business Mathematics, 3; General Business Subjects, 14; Secretarial and Office Practice, 2; Shorthand and Stenography, 15; Typewriting, 8. Total constants, 102. Electives, 26. Total, 128.

PLAN I

(SECRETARIAL MAJOR)

Freshman Year	Class Periods		Semester Hrs. Credit	
	Semester I	II	I	II
Eng. 1-2.—Freshman English	3	3	3	3
P. E. 1-2.—Physical Education I	3	3	1	1
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2	4	4	3	3
S. S. 1-2.—American Government, or				
S. S. 5-6.—American History	3	3	3	3
Electives ¹			6	6
Sophomore Year			16	16
B. E. 30.—Economic Geography	2	0	2	0
B. E. 31-32.—Typewriting	5	5	2	2
B. E. 33-34.—Shorthand	4	4	3	3
Eng. 41-42.—Types of Modern Literature ²	3	3	3	3
P. E. 41-42.—Physical Education	2	2	1	1
Psy. 31-32.—General Psychology	3	3	3	3
Electives ³	3	3	3	3
Junior Year			17	15
B. E. 50.—Merchandising	0	2	0	2
B. E. 55.—Advanced Typewriting	5	0	2	0
B. E. 56.—Secretarial Practice and Filing	0	5	0	2
B. E. 60.—Office Machines	5	0	2	0
B. E. 66-67.—Accounting	4	4	3	3
B. E. 63-64.—Advanced Shorthand	4	4	3	3
H. Ed. 40.—Hygiene	2	0	2	0
S. S. 71-72.—Economics	3	3	3	3
Electives ³	0	3	0	3
Senior Year			15	16
B. E. 78.—Stenography	0	3	0	3
B. E. 87.—Marketing	3	0	3	0
B. E. 88.—Money and Banking	0	3	0	3
B. E. 85-86.—Advanced Accounting	3	3	3	3
B. E. 95.—Business Law	3	0	3	0
Electives ³			8	7
			17	16

¹Students who have made a definite commitment to take this curriculum will elect B.E. 10 and B.E. 20.

²Any other English course may be substituted, numbered 25-74.

³Electives will include social science to bring the total credits in that field to 18.

VARIATIONS OF CURRICULUM XI

PLAN II

BUSINESS ADMINISTRATION—ACCOUNTING MAJOR

	Class Periods		Semester Hrs. Credit	
	Semester	I II	I II	I II
B. E. 10.—Introduction to Business.....	2	0	2	0
B. E. 20.—Business Mathematics.....	0	3	0	3
B. E. 31-32.—Typewriting	5	5	2	2
B. E. 38.—Business Correspondence.....	0	3	0	3
B. E. 60.—Office Machines.....	0	5	0	2
B. E. 66-67.—Accounting	4	4	3	3
B. E. 85-86.—Advanced Accounting.....	3	3	3	3
B. E. 88.—Money and Banking.....	3	0	3	0
B. E. 95.—Business Law.....	3	0	3	0
Eng. 1-2.—Freshman English.....	3	3	3	3
Eng. 41-42.—Types of Modern Literature ¹	3	3	3	3
H. E. 40.—Hygiene	2	0	2	0
P. E. 1-2.—Physical Education	3	3	1	1
P. E. 41-42.—Physical Education	2	2	1	1
Psy. 31-32.—General Psychology.....	3	3	3	3
S. S. 1-2.—American Government, <i>or</i> S. S. 5-6.—American History.....	3	3	3	3
S. S. 71-72.—Economics	3	3	3	3
Social Science.....	3	3	3	3

and
Group I

B. E. 33-34.—Shorthand	4	4	3	3
B. E. 37.—Office Efficiency, <i>or</i> B. E. 65.—Personnel Administration.....	3	0	3	0
B. E. 55.—Advanced Typewriting.....	5	0	2	0
B. E. 56.—Secretarial Practice and Filing.....	0	5	0	2
B. E. 63-64.—Advanced Shorthand.....	4	4	3	3

or Group II

B. E. 37.—Office Efficiency, <i>or</i> B. E. 65.—Personnel Administration.....	3	0	3	0
B. E. 50.—Merchandising	2	0	2	0
B. E. 87.—Marketing	3	0	3	0

or Group III

Total of 12 semester hours in one science field.

¹Any other English course, except English 1-2, may be substituted.

PLAN III

(SECRETARIAL MAJOR)

(with science background)

	Semester	Class Periods		Semester Hrs. Credit	
		I	II	I	II
B. E. 10.—Introduction to Business.....	2	0		2	0
B. E. 20.—Business Mathematics.....	0	3		0	3
B. E. 30.—Economic Geography.....	2	0		2	0
B. E. 31-32.—Typewriting	5	5		2	2
B. E. 33-34.—Shorthand	4	4		3	3
B. E. 38.—Business Correspondence.....	0	3		0	3
B. E. 55.—Advanced Typewriting	5	0		2	0
B. E. 56.—Secretarial Practice and Filing.....	0	5		0	2
B. E. 60.—Office Machines.....	5	0		2	0
B. E. 63-64.—Advanced Shorthand.....	4	4		3	3
B. E. 87.—Marketing	3	0		3	0
B. E. 88.—Money and Banking.....	0	3		0	3
Eng. 1-2.—Freshman English.....	3	3		3	3
Eng. 41-42.—Types of Modern Literature ¹	3	3		3	3
H. Ed. 40.—Hygiene	0	2		0	2
P. E. 1-2.—Physical Education.....	3	3		1	1
P. E. 41-42.—Physical Education.....	2	2		1	1
Psy. 31-32.—General Psychology.....	3	3		3	3
S. S. 1-2.—American Government, <i>or</i> S. S. 5-6.—American History.....	3	3		3	3
S. S. 65-66.—Recent European History.....	3	3		3	3
Social Science.....	3	3		3	3

A total of 18 semester hours in the sciences.

¹Any other English course, except English 1-2, may be substituted.

CURRICULUM B

Two-Year Curriculum in Business Education

Leading to the Secretarial Diploma

(Enrollment limited to sixty freshmen, 1949-'50.)

The College offers this two-year program for secretaries to meet the needs of such students as are unable to complete the four-year program, Curriculum XI. It naturally does not include as much general work as can be included in a four-year program. It can be recommended only as an emergency arrangement.

Any student who finds it possible to stay in school longer can adjust into Curriculum XI, since courses are so arranged as to facilitate such adjustment. It will be equally feasible to change to Curriculum V, the four-year program in teacher education which prepares for the teaching of business subjects.

Freshman Year

	Class		Semester	
	Periods	Hrs.	Credit	
	Semester I	II	I	II
B. E. 10.—Introduction to Business.....	2	0	2	0
B. E. 20.—Business Mathematics.....	0	3	0	3
B. E. 30.—Economic Geography.....	2	0	2	0
B. E. 31-32.—Typewriting ¹	5	5	2	2
B. E. 33-34.—Shorthand ¹	4	4	3	3
Eng. 1-2.—Freshman English.....	3	3	3	3
P. E. 1-2.—Physical Education.....	3	3	1	1
Science: Biology 1-2, Chemistry 1-2, or Physics 1-2.....	4	4	3	3
			16	15

Sophomore Year

	Class		Semester	
	Periods	Hrs.	Credit	
	Semester I	II	I	II
B. E. 55.—Advanced Typewriting.....	5	0	2	0
B. E. 56.—Secretarial Practice and Filing.....	0	5	0	2
B. E. 63-64.—Advanced Shorthand.....	4	4	3	3
B. E. 66-67.—Accounting	4	4	3	3
B. E. 60.—Office Machines.....	0	5	0	2
B. E. 50.—Merchandising	2	0	2	0
P. E. 41-42.—Physical Education.....	2	2	1	1
Psy. 31-32.—General Psychology.....	3	3	3	3
S. S. 1-2.—American Government, or S. S. 5-6.—American History.....	3	3	3	3
			17	17

¹Students presenting one or more units of high school typewriting and/or high school shorthand will take a placement test in these subjects administered by the Department of Business Education. Students will be placed in the section of typewriting and/or shorthand recommended by their advisers as the proper entering semester. Those excused from certain semesters of first year typewriting and shorthand may elect sufficient courses to complete necessary semester hours on their program.

DEPARTMENTS OF INSTRUCTION

The courses which are offered in each department of instruction are listed on pages that follow. There are only minor changes from the courses listed in the last annual bulletin for the winter session.

Students who entered under the quarter plan, that is, previous to September, 1947, will need to be on guard not to repeat courses under different names and perhaps with different titles. When in doubt you will take up the matter with the registrar and the instructor or department head. Students are also held responsible for checking on the prerequisites before enrolling in any course.

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. Course numbers ending in 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 completed the first semester's work. Courses whose numbers end in 0 or 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.

I. Art

ART 2. BASIC ART.—*2 single and 3 double periods a week; 3 credits.*

MISS GROVE

A study of general design, industrial arts, fine arts, and color problems as applied to dress, home furnishings, art of the home and school in general and consumer problems. Art appreciation lessons and illustrated lectures are given. Open to students of all curricula. Materials fee: \$2.75.

ART 55. ART EDUCATION PROBLEMS.—2 single and 3 double periods a week; 3 credits.

MISS GROVE

A course designed to meet the art needs of elementary and secondary teachers. It includes selection of materials, planning an art program, integration of art with other subjects, practical experiences with various art materials in executing problems applicable to different age levels and observations in the Demonstration School. Materials fee: \$2.75.

ART 65. CRAFTS.—2 single and 3 double periods a week; 3 credits.

MISS GROVE

A course designed to meet the needs of elementary and secondary teachers in handicraft problems. It consists of work in wood, plastics, reed, string, leather and so forth in creating simple and useful objects. This course is open to students of all curricula. *Prerequisite*—any one art foundation course. Materials fee: \$3.00.

II. Biology

BIO. 1-2. GENERAL BIOLOGY.—8 single and 3 double periods a week; 6 credits.

MR. MILLER

This course is equivalent to the year course in general biology which is given during the fall and spring semesters. It is a basic course in general biology and gives the technical background necessary for further work in biology and for an understanding of allied subjects, as well as for efficient living. Laboratory fee: \$9.00.

This course was offered formerly as Biology 131, 132, 133.

BIO. 60s. BIOLOGY OF MAN AND HIS ENVIRONMENT.—Daily; 3 credits.

MR. MILLER

This course deals with man's relation to his environment, how he uses and controls it, adaptations, and the organisms composing it.

This course was offered formerly as Biology 380.

BIO. 80s HUMAN GROWTH AND DEVELOPMENT.—Daily; 3 credits.

MR. WARREN

This course deals with human growth and development from the beginning of life through adolescence. Detailed attention will be given to the manner in which the hereditary pattern is established at the time of fertilization and how the hereditary pattern interacts with environmental factors as the human organism grows and develops. The implications of developmental changes for education are considered.

This course was offered formerly as Biology 385 and as Biology 70s.

III. Business Education

- B. E. 31 or 32. *TYPEWRITING.—4 double periods a week; 2 credits.*

MR. SANDERS

The development of the proper technique and mastery of the typewriter keyboard. By means of achievement and remedial drills the typewriting technique is perfected. Students work with such applied typewriting assignments as centering, tabulation, basic business letter writing, envelope addressing, and business forms. This course may be taken in any curricula for certification credit by the State Department of Education. Laboratory fee for depreciation of equipment: \$2.00.

This course was offered formerly as B. E. 221 or 222.

- B. E. 55 or 56. *ADVANCED TYPEWRITING.—4 double periods a week; 2 credits.*

MISS BRADY

Continued training in the perfection of the typewriting technique. Applied typewriting projects are undertaken. Letter-writing is emphasized. An understanding of various filing routines and systems is also provided in the second semester. Laboratory fee for depreciation of equipment: \$2.00 for 55, \$2.00 for 56.

This course was offered formerly as B. E. 321 or 323.

- B. E. 60. *OFFICE MACHINES.—4 double periods a week; 2 credits.*

MR. SANDERS

This course is designed to give the student an understanding and vocational use of calculating machines, voice-writing machines, duplicating machines, and other commonly used office machines. Speed and accuracy in operation are emphasized. Laboratory fee for depreciation of equipment: \$4.00.

This course was offered formerly as B. E. 351.

- B. E. 63 or 64. *ADVANCED SHORTHAND.—1 single and 3 double periods a week; 3 credits.*

MISS BRADY

Speed, phrasing, and enlargement of shorthand vocabulary are emphasized. This course includes a great deal of transcription. Dictation rates from 80 to 120 words per minute are given. Business practices in dictation and transcription are presented. Standards of achievement in business offices are followed in the course.

This course was formerly offered as B. E. 331 or 332 or 333.

- B. E. 65. *PERSONNEL ADMINISTRATION.—Daily; 3 credits.*

MISS BRADY

The purpose of this course is to study employee-employer relationships in business and in industry. Personnel policies and methods are examined. The selection, placement, training and promotion of employees; their production incentives, health, and safety. Recent trends in employment practices are stressed.

- B. E. 66 or 67. ACCOUNTING.—4 double periods a week; 3 credits.

MR. SANDERS

This course is intended to give the student an understanding and application of the basic principles of accounting. The theory of debits and credits, the accounting cycle, financial statements, controlling accounts, subsidiary ledgers, valuation accounts, accruals and deferrals, and accounting records peculiar to corporations are stressed.

IV. Chemistry

- CHEM. 1-2. GENERAL CHEMISTRY.—8 single and 3 double periods a week; 6 credits.

MR. CHAPPELL

Some of the fundamental laws of science and laws peculiar to chemistry are studied. Practical illustrations of the fundamental principles are stressed. A detailed study of some of the non-metallic elements is made.

Chemistry 2 is a continuation of Chem. 1. A brief introduction to the chemistry of carbon and some of its compounds is included. A study is made of the metals, many of their compounds, and their industrial manufacture and uses. Laboratory fee: \$9.00.

This course was offered formerly as Chem. 131, 132, 133.

- CHEM. 35. ORGANIC CHEMISTRY.—3 single and 2 double periods a week; 3 credits.

MR. CHAPPELL

This course 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. Laboratory fee: \$6.00.

This course was offered formerly as Chem. 231, etc.

V. Education, Psychology, and Philosophy

A. EDUCATION

- ED. 40s. LABORATORY COURSE IN ELEMENTARY EDUCATION.—2
periods daily; 6 credits.

MISS ANTHONY

This course is designed for experienced teachers needing help with the newer phases of the Virginia elementary program. It will also be valuable for graduates of liberal arts curricula who want a practical introduction to teaching.

The course will be organized around observations in the training school. Some problems to be stressed are: newer methods of studying children, organization of units, instruction in various school subjects, and work with parents including conferences and report cards.

This course was offered formerly as Education 350.

- ED. 52. ELEMENTARY EDUCATION I.—2 *single, 3 double periods a week; 4 credits.*

MISS SEEGER

This course is a continuation of Ed. 51. It emphasizes an understanding and application of the psychology of elementary school subjects and the organization of materials. Observations and participation in the training school are a definite part of the course. *Prerequisite:* Ed. 51 or its equivalent.

- ED. 61. SECONDARY EDUCATION I.—*Daily; 3 credits.*

MR. HOUNCHELL

This is the equivalent of the first semester course in secondary education, slightly adapted to needs of summer students and changed conditions in the training school. A study of the history and principles of secondary education, with application to the needs of adolescent pupils in the present. The classroom teacher's responsibilities for guidance are emphasized. Curriculum scope and organization, with changes in recent, present, and pending emphasis, including a study of the Virginia published materials by grades and subjects.

This course was offered formerly as Education 331.

- ED. 62. SECONDARY EDUCATION II.—*Daily; 3 credits.*

MR. HOUNCHELL

Equivalent of regular second semester course in secondary education. Unit organization and teaching by units. Activities as a feature of present school programs. Individual problems in unit organization are worked out according to interests of members of the group. Study of the responsibilities of classroom teachers in caring for pupils and causing learning. The literature of education on classroom management, centering around main problems encountered in practice, is a main activity.

This course was offered formerly as Education 332-333; also 392-393.

ED. 64s. NEW DEVELOPMENTS IN THE TEACHING OF READING.
—Daily; 3 credits.

MISS SEEGER

A course designed to give teachers an opportunity to acquaint themselves with newer ideas in the teaching of reading and an opportunity to investigate specific problems. Observations in the training school will be a definite part of the work.

This course was offered formerly as Education 490.

ED. 66s. CO-CURRICULAR ACTIVITIES.—Daily; 3 credits.

MR. KIDD

For principals and teachers in secondary schools. Some topics to be considered are: Student council, home room, class organizations, school clubs, assembly, commencement, the activities period, school publications, athletic games, financing co-curricular activities, dramatics, school band, and safety patrol.

This course was offered formerly as Education 310.

ED. 68s. CLASSROOM TEACHING.—3 periods a week; 2 credits.

MR. HOUNCHELL

The main points of view that have been stressed in recent years are made the basis for extended reading of educational literature. Such topics as activity, interest, need, purpose, play, citizenship, guidance, pupil planning are used to shape reading and thinking. This course is planned for those who have had some teaching experience. Others should take Ed. 40s, Ed. 52, Ed. 61, or Ed. 62.

ED. 75s-76s. CHILD STUDY AND GUIDANCE IN THE ELEMENTARY SCHOOL. 4 weeks (June 20th to July 15th);
4 periods daily; 6 semester hours credit.

MR. EAGLE

Emphasis will be placed on *how* to study children and on *how* to guide their development. Instruments and techniques of guidance will be studied and related to child growth and development as students work with children in the demonstration school.

ED. 81. PHILOSOPHY OF EDUCATION I.—Daily; 3 credits.

MR. HAMRICK

An historical study of the rise of organized education in western society, with emphasis upon basic sources of theory and practice as found in the arts, sciences, and philosophy.

This course was offered formerly as Education 461.

ED. 82. PHILOSOPHY OF EDUCATION II.—Daily; 3 credits.

MR. HAMRICK

A study of the major philosophical determinants and viewpoints of modern education. Intended as a cultural and evaluative approach to practical problems of teaching.

This course was offered formerly as Education 463.

ED. 85-86. GUIDANCE IN THE HIGH SCHOOL.—4 weeks (July 18th to August 12th); 4 periods daily; 6 semester hours credit.

MR. EAGLE

An over-all view of adequate guidance services in the school will include: identifying pupil problems requiring guidance and finding best ways to work with pupils in helping them to solve their own problems. Techniques of counseling will be demonstrated in a laboratory situation.

ED. 90. DIRECTED TEACHING.—6 credits.

MISS ANTHONY AND SUPERVISORS

This course gives experience in teaching under public school conditions with emphasis on the use of the Virginia curricula. One group conference will be arranged each week. Advance registration is necessary; write Miss Katherine M. Anthony, Director of Training.

Students needing 3 semester hours credit may register for Education 90-A. Those needing 6 semester hours credit above Ed. 90 or its equivalent may register for Ed. 90-B.

This course was offered formerly as Education 420 or 425.

B. PSYCHOLOGY AND PHILOSOPHY

PSY. 31-32. GENERAL PSYCHOLOGY.—2 periods daily; 6 credits.

MR. SHORTS

This represents a full year of psychology and satisfies the minimum requirement for all graduates.

Four objectives are set for this course: first, an understanding of the general principles of psychology; second, a study of the development of the child from infancy through adolescence; third, the application of the principles brought out in this development to the student's own problems; and, fourth, a study of the laws of learning applied to the education of the child in the home and school. There will be experiments and observations in the Training School.

This course was offered formerly as Psychology 221, 222, 223.

PSY. 56. PSYCHOLOGY OF PERSONALITY.—Daily; 3 credits.

MR. SHORTS

This course deals with the development of human personality, particularly in the early stages. The implications of mental hygiene for the school child and for the teacher will be studied. Special emphasis will be placed on the interplay of original nature and the various forces of environment and of society on the development of the integrated personality. *Prerequisite:* Psy. 31-32 or equivalent.

This course was offered formerly as Psychology 323.

PSY. 87. ADVANCED EDUCATIONAL PSYCHOLOGY.—Daily; 3 credits.

MR. HAMRICK

A study of the bases of pupil motivations, of evaluations of pupil personality and accomplishment, of the nature of learning and how it may be directed to useful ends, and of a cross-section of reported questions and problems deriving from teachers' experiences in the field. *Prerequisite:* Psy. 31-32, or equivalent.

PHIL. 69s. ETHICS.—2 periods daily; first four weeks; 3 credits.

MR. GIFFORD

A brief course in the fundamentals of modern ethics with historical background. Applications will be made to such institutions as the home, school, church, and state.

VI. English

ENG. 1. FRESHMAN ENGLISH.—Daily; 3 credits. (2 sections)

MR. HUFFMAN, MISS BOJE

Principles of grammar that function in the single paragraph and other service forms of composition. An introduction to the best procedures for effective use of the library.

ENG. 2. FRESHMAN ENGLISH.—Daily; 3 credits.

MR. SCHUBERT

Skill in the selection of material and its organization into finished prose composition, including the directed preparation of a research paper. Some practice in oral English is included.

English 1-2 were offered formerly as English 131, 132, 133.

ENG. 30. CHILDREN'S LITERATURE.—Daily; 3 credits.

MISS SEEGER

Standard literature for children, including English, American, and world literature originally written for adults and later appropriated by children. Emphasis is placed on the means of stimulating and improving children's reading interests. Modern standard of format will be studied and applied.

This course was offered formerly as English 251, 252, 253.

ENG. 31. A SURVEY OF ENGLISH LITERATURE.—Daily; 3 credits.

MISS BOJE

A general survey from the beginning to the end of the eighteenth century. Readings, discussions, and reports.

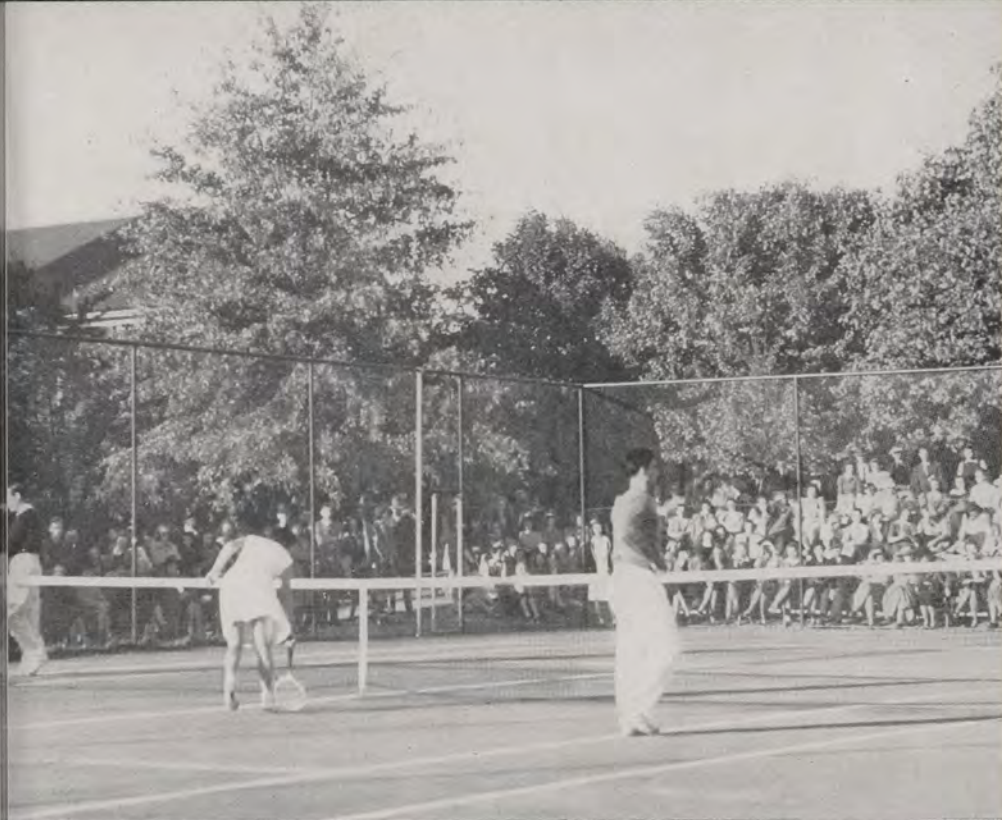
ENG. 32. A SURVEY OF ENGLISH LITERATURE: LITERATURE OF THE NINETEENTH CENTURY)—will be offered in the summer of 1950.

ENG. 45. TYPES OF MODERN LITERATURE.—Daily; 3 credits.

MR. HUFFMAN

A course to provide wide reading experience. By giving the student criteria for estimating sound literary values in modern American, British, and European literature, the objective is to stimulate interest and arouse appreciation. Readings in fiction—novel and short story—and in drama.

This course was formerly Eng. 41.



TENNIS AND SWIMMING



ABOVE—SECOND FLOOR OF LIBRARY
BELOW—BROWSING ROOM

ENG. 50. VOICE AND DICTION.—*Daily; 3 credits. (2 sections)*

MR. CURTIS, MR. SCHUBERT

Improvement of the student's vocal conditions, articulation, and enunciation; emphasis on the coordination of all agents of expression. Materials fee: \$1.00.

This course was offered formerly as English 371 or 381.

ENG. 55. SHAKESPEARE.—*Daily; 3 credits.*

MR. HUFFMAN

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

ENG. 98. THE ENGLISH LANGUAGE: ADVANCED GRAMMAR.—*Daily; 3 credits.*

MR. CURTIS

Grammatical problems are examined historically and applied functionally.

VII. Folk Arts

FOLK ARTS 20. WORKSHOP IN FOLK ARTS.—*4 weeks; June 20th through July 15th. Hours to be announced later. 4 credits.*

MR. CHASE

Study and practice of traditional American-English songs, ballads, carols, hymns, folk games, figure dances, square dances and folk tales. Materials presented for grades 1 through 12. Relationship of folk arts to music, English literature, physical education, recreation; and their value in social adjustment. Use of folk arts in school pageants, school festivals, community recreation, and church recreation will be dealt with. How to discover and use native resources—the folk traditions of local communities will be considered.

VIII. Geography

GEOG. 55. MAN'S PHYSICAL WORLD.—*Daily; 3 credits.*

MR. HANSON

This course begins with special attention to rocks, minerals, and soils. This is followed by studying map-construction and standard time. Earth features, planets and stars are other topics studied. Throughout the semester, stress is given to the influence of each factor upon modes of living, industries, institutions, and distribution of peoples. (Not open to those having credit in Geog. 5-6.) *Formerly Geog. 331.*

GEOG. 56. CLIMATES AND MAN.—*Daily; 3 credits.*

MR. HANSON

A world survey course organized to study climatic regions. The chief types of climate, their characteristics and distribution, with man's response to each type are studied. (*Formerly Geog. 332.*)

GEOG. 60s. GLOBAL GEOGRAPHY.—*Daily; 3 credits.*

MR. HANSON

Stressing geographic principles and processes as they influence different peoples in their economic undertakings, this global study gives attention to world trade and international contacts as affected by modern transportation.

This course was offered formerly as Geog. 315.

IX. Health and Physical Education

H. ED. 40. HYGIENE.—*3 periods a week; 2 credits.*

DR. MONGER

A study of the principles of wholesome living and their application to the individual's own life. Ways for the improvement of health and the prevention of disease are discussed.

H. ED. 60. HEALTH EDUCATION.—*3 periods a week; 2 credits.*

DR. MONGER

A course in the teaching of health, designed to meet the requirements of the West Law.

This course was offered formerly as H. Ed. 370.

P. E. 10s. ELEMENTARY SWIMMING.—*Daily; 1 credit.*

MISS SAVAGE

A course for those who do not know how to swim. The subject matter of the course is arranged to suit the needs of the students in the class.

P. E. 35s. PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOLS.
—5 periods a week; 3 credits.

MISS SAVAGE

This course prepares elementary school teachers to give instruction in the physical education activities which are listed in the State course of study. Methods of organization and pupil leadership are studied.

This course is not open to students of the regular winter session, nor to those who have credit in P. E. 251-252-253.

P. E. 37. SAFETY AND FIRST AID.—3 periods a week; 2 credits.

MISS SAVAGE

A course dealing with the various phases of accident prevention, school procedures to promote safety, and first aid. The standard Red Cross work in First Aid is taught and a certificate can be obtained.

This course was offered formerly as P. E. 320.

X. Home Economics

H. E. 47. SURVEY COURSE IN HOME ECONOMICS.—2 single and
3 double periods a week; 3 credits.

MISS HARDESTY

This course is designed for students not majoring in home economics but desiring a practical background of knowledge in nutrition, food preparation, and simple table service. It emphasizes the teacher's part in the program of the school lunch and an understanding of the nutritional needs of the school child. Laboratory fee: \$4.00.

H. E. 48. SURVEY COURSE IN HOME ECONOMICS.—2 single and
3 double periods a week; 3 credits.

MISS HARDESTY

This course is designed for students not majoring in home economics but desiring a practical background of knowledge in clothing selection, care, and construction. Money management, time, and energy as they pertain to the home are studied. Housing, furniture, and its arrangement for the home are also a part of this course. The content is especially planned to meet the needs of the public school teacher and the business woman. Laboratory fee: \$2.00.

H. E. 65. SCHOOL LUNCH MANAGEMENT.—2 single and 3
double periods a week; 3 credits.

MRS. VARNER

This course includes organization and management in food service in public schools. Studies are made of personnel problems, labor laws, records, menus, food cost control, sanitation, institution buying of food and equipment. The laboratory work consists of preparation of types of school lunches. The educational and social opportunities of the school lunch are evaluated. Laboratory fee: \$4.00.

- H. E. 80. DIRECTED INSTITUTION MANAGEMENT—*Hours to be arranged; 6 credits.*

MISS RAINE, MISS COPPER

Directed Institution Management

This course is designed to give the student, under supervision, an opportunity to participate in each phase of the management of a large food unit as it pertains to the routine food service of the college. Experience in catering is received through the preparation and serving of teas, luncheons, and banquets as they pertain to the social life of the college.

Quantity Cookery

This course gives the student experience in the preparation of food for large groups. Large quantity recipes, menus suited to needs and the conditions pertaining to a large food unit are studied. Market lists are made out; supplies requisitioned; and food actually prepared in the college kitchen, tea room, and public school cafeterias. Quantity Cookery is a part of Directed Institution Management.

- H. E. 89. CHILD DEVELOPMENT.—*Daily; 3 credits.*

MRS. VARNER

A study is made of the physical, mental, social, and emotional development of the young child in the home. Special emphasis is given to the importance of home relationships. The kindergarten, first grade, and nursery schools of Harrisonburg are used for observation studies. Each student will also observe and participate in the care of a baby in a home. *Open to juniors and seniors in all curricula.*

This course was offered formerly as Home Economics 90.

- H. E. 99. HOME MANAGEMENT RESIDENCE.—*4 credits.*

MISS HARDESTY

This course is planned to give students the different experiences of homemaking on a family basis. It coordinates other courses in home economics and the activities of the home. The course is designed to help students see the problems involved in the home and offers opportunity for studying and solving these problems. The different phases of work are rotated so as to give each student experience in care of the home and equipment, planting, managing, buying, preparing and serving meals, and in the care of children. Time and energy studies are made with emphasis on management. Laboratory fee: \$4.00.

XI. Library Science

The Virginia State Board of Education will endorse the Collegiate Professional Certificate for service as a full-time librarian in a Virginia public school upon the completion of a program of thirty semester hours. The thirty-hour program consists of a major of twenty-four semester hours within the Department of Library Science and of six semester hours in liberal arts or education selected with the advice of the head of the Department. High schools of 200 students or more are required to have full-time librarians, and the State Board recommends that beginning with

the academic year 1950-51, elementary schools with 300 or more students have them also.

The State Board will endorse the Collegiate Professional Certificate for service as a teacher-librarian after the completion of a minor in Library Science (18 semester hours) or of the minimum course of 12 semester hours.

Only students in Curricula I, II, and III may major in Library Science; those in Curriculum I will need to take more courses than are ordinarily required for graduation in order to complete their majors. A major consists of L. S. 76, L. S. 77, L. S. 78, L. S. 81-82, L. S. 88, L. S. 95, and L. S. 96. Ordinarily Juniors should take L. S. 81-82, L. S. 95, and L. S. 96; and Seniors should take L. S. 76, L. S. 77, L. S. 78, and L. S. 88.

A minor consists of L. S. 77, L. S. 81-82, L. S. 88, L. S. 95, and L. S. 96. The minimum course for teacher-librarians (12 semester hours) consists of L. S. 81-82, L. S. 95, and L. S. 96.

Students who have taken courses not listed above should consult the head of the Department about possible substitutions.

L. S. 76. AUDIO-VISUAL MATERIALS.—*Daily; 3 credits.*

MISS HOOVER

Attention is given to (1) the role of auditory and visual aids in the achievement of education 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.

This course was offered formerly as Library Science 343.

L. S. 77. REFERENCE AND BIBLIOGRAPHY.—*Daily; 3 credits.*

MISS COMER

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

This course was offered formerly as Library Science 371.

L. S. 78. CATALOGING.—*Daily; 3 credits.*

MISS BOAZ

The principles and methods of the preparation of books for use in small libraries. Students will classify and catalog under supervision. Ability to use a typewriter is important.

This course was offered formerly as Library Science 373.

L. S. 81-82. BOOKS AND RELATED MATERIALS FOR CHILDREN AND YOUNG PEOPLE.—*Double period daily; 6 credits.*

MISS CUNDIFF

A survey of the basic subject materials available for elementary and secondary school libraries. Students will evaluate reference and other books, pamphlets, and audio-visual materials and will prepare bibliographies for selected units of instruction. Materials fee: \$2.00.

This course was offered formerly as Library Science 341, 342.

L. S. 88. DIRECTED SCHOOL LIBRARY SERVICE.—3 credits.

MISS MILLER

Work, under supervision, in the training schools in all the phases of library service.

L. S. 95. ORGANIZATION OF MATERIALS.—Daily; 3 credits.

MISS CUNDIFF

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. Materials fee: \$1.00
This course was offered formerly as Library Science 86.

L. S. 96. ADMINISTRATION OF SCHOOL LIBRARIES.—Daily; 3 credits.

MISS BOAZ

The functions, organization, planning, equipment, and management of the school library. Methods of teaching the use of books and libraries will also be considered.

This course was offered formerly as Library Science 372, 85.

L. S. 97. SURVEY OF LIBRARIANSHIP.—3 periods a week; 2 credits.

MR. McMULLEN

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.

XII. Mathematics

MATH. 5. COLLEGE ALGEBRA.—Daily; 3 credits.

MR. IKENBERRY

This course includes a rapid summary of the topics of elementary algebra followed by synthetic division, the remainder theorem, the factor theorem, theory of equations, solution of equations of degree higher than the second degree, binomial theorem and logarithms. *Prerequisite*: one entrance unit in algebra.

MATH. 6. PLANE TRIGONOMETRY.—Daily; 3 credits.

MR. PARTLOW

This course includes a study of the properties and relations of the trigonometric functions and solutions of right and oblique triangles. *Prerequisite*: One entrance unit in algebra and one entrance unit in plane geometry.

Mathematics 5 and 6 were offered formerly as Mathematics 131, 132, 133.

MATH. 7. GENERAL MATHEMATICS.—*Daily; 3 credits.*

MR. IKENBERRY

This course is designed to give teachers of the elementary schools a connected idea of the subject matter of arithmetic with particular emphasis on its nature, significance, and use. Additional topics are chosen to show the development of arithmetic and its place in human culture and to provide for the teacher an enriched background of mathematical experience.

MATH. 8. GENERAL MATHEMATICS.—*Daily; 3 credits.*

MR. IKENBERRY

This is the second half of the mathematics course for elementary teachers. It will cover the minimum requirement in subject matter that is essential as a foundation for teaching this subject in the upper grades. Attention will be given to such topics as: percentage and its applications, problem solving, measurement, use of the formula, graph, simple equations and intuitive geometry.

Mathematics 7 and 8 were offered formerly as Mathematics 121, 122, 123.

XIII. Music

APPLIED MUSIC

Opportunity is offered for individual instruction in applied music; namely, piano, voice, organ, and orchestral instruments. Nine hours of credit in applied music may be offered for the B.S. and A.B. degrees. Twenty-four hours may be offered toward the B.M. degree. Music teachers will be given special help in the selection of the more modern materials, and in methods to improve their teaching efficiency.

FEES—INDIVIDUAL INSTRUCTION

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

<i>Instruction in</i>			
<i>Voice-Piano</i>			
	<i>orchestral</i>	<i>Practice</i>	<i>Total</i>
	<i>instruments</i>	<i>Charge</i>	<i>Charge</i>
30 lessons per session	\$50.00	\$ 5.00	\$55.00
15 lessons per session	30.00	5.00	35.00
1 to 8 lessons per session.....	1.90 per lesson	.30 per lesson	2.20
<i>Instruction in</i>			
<i>Organ</i>			
		<i>Practice</i>	<i>Total</i>
		<i>Charge</i>	<i>Charge</i>
30 lessons per session	\$50.00	\$10.00	\$60.00
15 lessons per session.....	30.00	10.00	40.00
1 to 8 lessons per session.....	1.90 per lesson	.60 per lesson	2.50

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 30 half hour lessons with a minimum of 96 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.

PIANO 9, 39, 59, 79.—1 *credit*.

MR. WATKINS

The work in piano is suited to the needs of the individual with special attention given to the fundamentals of correct technique. Every effort is made to acquaint the student with the best in piano literature and to inculcate an appreciation for piano music in general.

VOICE 9, 39, 59, 79.—1 *credit*.

MISS SCHNEIDER

This course is suited to the needs of the individual. Breath control, voice building, diction, and interpretation are given special attention.

ORGAN 9, 39, 59, 79.—1 *credit*.

MR. WATKINS

This course is suited to the needs of the individual student.

INSTRUMENTS 9, 39, 59, 79.—1 *credit*.

MRS. SANGER

Emphasis on correct breathing, development of embouchure, different types of tonguing, transposition and studies including the phases of technique needed by the student for her stage of development. Students may register for a course on any of the brass or woodwind instruments by placing the name of the instrument desired.

MUSIC 2. MUSIC FUNDAMENTALS.—*Daily; 3 credits*.

MISS SHAEFFER

This course is a continuation of Music 1. It includes the continuation of elementary theory, singing in groups, listening to recordings for general interest as well as some that are of practical use in the schoolroom, essential terminology, and help on practical problems of the individual members of the class.

MUSIC 54. MUSIC HISTORY AND APPRECIATION.—*Daily; 3 credits*.

MISS SHAEFFER

This course will include the study of the music of the Romantic School, beginning with Beethoven and continuing through the work of the twentieth century composers. Finney's History of Music is followed as an outline. Recordings are used to demonstrate the different styles of music and to give a wider enjoyment of the music heard in concert and in the home.

MUSIC 66. MUSIC EDUCATION FOR ELEMENTARY GRADES.—
Daily; 3 credits.

MISS SHAEFFER

A study of the musical responses and needs of elementary children and of appropriate experiences that can be provided them through the cooperative efforts of the special music teacher and the non-specialized grade teacher. The activities include singing, listening, playing, dancing, marching, reading, creating, and the relating of these to each other and to other school and home experiences in ways appropriate to the social and emotional maturity of pupils in each grade. Also, the using of music in school programs, holiday celebrations, and the integrated program. Provision will be made for the individual differences existing between teachers, pupils, and types of schools. Particular attention will be given to the use of records for the teacher who does not sing or play the piano. Laboratory fee: \$3.00.

MUSIC 80s. WORKSHOP FOR TEACHERS OF PRIMARY MUSIC.—
4 weeks—June 20th through July 15th. From 8:20 to 12:35 daily in Harrison Hall and Main Street School; 4 credits.

MR. BUCHER AND MRS. BENNETT

A study and observation of the musical responsiveness and needs of younger children and of appropriate experiences that can be provided them by the non-specialized grade teacher. Relationships of the special music teacher and the classroom teacher. The selecting of material and adapting of procedures for the building of desirable attitudes, skills and habits. Using music to enrich other school experiences. Becoming acquainted with the use of song records for aiding teachers who do not sing or play piano or have the help of a music specialist. Daily observation in the training school. Discussion, reading and the acquisition of fundamental skills in bodily rhythm, playing and singing. Special music teachers who supervise grade teachers may secure individual help from staff members in organizing and planning their work for the coming year. Fee: \$21.50.

MUSIC 90s. WORKSHOP FOR TEACHERS OF INTERMEDIATE MUSIC.—
4 weeks—July 18th through August 12th. From 8:20 to 12:35 daily in Harrison Hall and Main Street School. 4 credits.

MR. BUCHER AND MRS. BENNETT

Study of the activities and materials suitable for older pupils which can be provided them by non-specialized grade teachers. The activities are singing, listening, playing, dancing, marching, creating, reading, and the relating of these to each other and to other school and home experiences in ways appropriate to the social and emotional maturity of pupils; also using music in school programs, holiday celebrations, and the integrated program. Guiding and evaluating out-of-school radio and movie musical experiences will be discussed. Provision will be made for the individual differences existing between teachers, pupils, and types of schools. Particular attention will be given to the use of records for the teacher who does not sing or play a piano. Daily observation in the training school. Discussion, reading and the acquisition of funda-

mental skills in folk dancing, playing and singing. Special music teachers who supervise grade teachers may secure individual help from staff members in organizing and planning their work for the coming year. Fee: \$21.50.

In addition to the above Summer School offerings in Music, students may register on a fee basis for:

Music 11 or 12—Harmony I

Music 31 or 32—Harmony II

Music 41 or 42—Keyboard Harmony

Music 61 or 62—Counterpoint

Music 91 or 92—Composition

A semester 3 point course must meet one hour daily and costs \$135 which may be divided among the number requesting the course.

A semester 2 point course must meet for 27 hours of class instruction at a cost of \$90.00.

Keyboard Harmony must have 15 hours of class instruction at a cost of \$50.00.

These courses will be taught by Mr. Watkins.

XIV. Physics and Physical Science

P. S. 1-2. GENERAL PHYSICS—8 *single and 3 double periods a week; 6 credits.*

MR. PARTLOW

This course is recommended for all prospective teachers of science or for students planning to pursue a scientific career, and other students who desire to make physics their science elective. Mechanics, heat, magnetism, electricity, sound and light are covered. This course is equivalent to the full year of physics which is given during the winter session. Laboratory fee: \$9.00.

P. S. 1 and 2 were offered formerly as P. S. 61-62.

P. S. 3-4. GENERAL PHYSICS.—2 *single periods and 1 double period a week; 2 credits.*

MR. PITTMAN

Students desiring to secure eight credits in Physics will take this course combined with P. S. 1-2. The work will consist largely of problems and additional laboratory work. *Prerequisite:* Credit or registration in General Physics. Laboratory fee: \$3.00.

- P. S. 31-32. FUNDAMENTALS OF SCIENCE.—8 single and 3 double periods a week; 6 credits.

MR. PITTMAN

This course is designed especially for elementary teachers. Science teaching materials and devices useful in the elementary and junior high school play a major role in the course. Laboratory fee: \$9.00.

- P. S. 58. ASTRONOMY.—3 single and 2 double periods a week; 3 credits.

MR. PITTMAN

A non-mathematical course covering the solar system, the constellations of our galaxy. A Spitz Planetarium and a very fine telescope have been added to the equipment in Astronomy. The laboratory periods will be replaced frequently with evening observation periods. Laboratory fee: \$4.50.

XV. Social Science and History

- S. S. 1. AMERICAN GOVERNMENT.—Daily; 3 credits.

MR. SMITH

This is a basic course in the American political system. It is designed to instruct students in the fundamentals of our government in order to develop responsible citizenship. Detailed coverage will be made of the origin, structure and functions of our national government.

- S. S. 2. AMERICAN GOVERNMENT.—Daily; 3 credits.

MR. SMITH

This is a sequence to S. S. 1. Detailed coverage will be made of the origin, structure and functions of state and local governments.

- S. S. 60. CURRENT PUBLIC AFFAIRS.—Daily; 3 credits.

McILWRAITH

This course aims to evaluate problems of current interest through a study of newspapers, magazines, and recent books. Emphasis will be placed on a study of national and international politics.

This course was offered formerly as S. S. 360 and S. S. 70.

- S. S. 65. RECENT EUROPEAN HISTORY.—Daily; 3 credits.

MR. McILWRAITH

This course covers from the Reformation to 1830. Emphasis is given to the great religious, commercial, intellectual, French, and industrial revolutions.

- S. S. 66. RECENT EUROPEAN HISTORY.—Daily; 3 credits.

MR. McILWRAITH

This course covers from 1830 to the present. Emphasis is given to the rise of modern nations, the growth of imperialism, and the causes and results of the First and Second World Wars.

S. S. 65 and 66 were offered formerly as S. S. 341, 342, 343.

S. S. 68. RUSSIA AND THE FAR EAST.—*Daily; 3 credits.*

MR. FREDERIKSON

The purpose of this course is to acquaint the student with the history, culture, and significance of Russia and the countries of Asia. Emphasis is given to the political, economic, and social structure of Russia and the growing role of that nation in world affairs.

S. S. 68 was offered formerly as S. S. 392, 393.

S. S. 70. HISTORY OF AMERICAN FOREIGN RELATIONS.—*Daily; 3 credits.*

MR. SMITH

This course is designed to give students a broad outline of United States foreign policies and relations from 1776 to 1949.

S. S. 95. SOCIAL PROBLEMS.—*Daily; 3 credits.*

MR. FREDERIKSON

This course aims to acquaint the student with the nature of our social order. The emphasis is upon such topics as crime, illiteracy, recreation, population quality, race, propaganda, leadership, and prevention of war.

S. S. 96. ECONOMIC PROBLEMS.—*Daily; 3 credits.*

MR. FREDERIKSON

This course aims to acquaint the student with the nature of our economic order and also to inform him of the characteristics of the rival economic systems of socialism, communism, and fascism. The emphasis is upon such topics as labor unrest, social security, relationship of government to business, protective tariffs, taxation, public debt, inflation, and conservation of natural resources.

S. S. 95 and 96 were offered formerly as S. S. 471, 472, 473.

SCHEDULE OF CLASSES†—SUMMER 1949

PERIOD I—7:15-8:15

CLASS		INSTRUCTOR	DAYS	ROOM
*Art 55.....	Art Education Problems.....	Grove.....	Daily.....	W40
Bio. 80s.....	Human Growth and Development	Warren.....	Daily.....	W28
*B. E. 31 or 32.....	Typewriting	Sanders.....	MTThF.....	L3
*Chem. 35.....	Organic Chemistry.....	Chappell.....	TTh.....	M27
Ed. 62.....	Secondary Education II.....	Houchell.....	Daily.....	R4
*Ed. 75s-76s.....	Child Study and Guidance in the Elementary School.....	Eagle.....	Daily..... (June 20- July 15).....	BR
*Ed. 85-86.....	Guidance in the High School	Eagle.....	Daily..... (July 18- Aug. 12).....	BR
Eng. 1a.....	Freshman English.....	Huffman.....	Daily.....	W32
Eng. 50a.....	Voice and Diction.....	Curtis.....	Daily.....	W33
Geog. 60s.....	Global Geography.....	Hanson.....	Daily.....	R11
L. S. 76.....	Audio-Visual Materials.....	Hoover.....	Daily.....	W24
L. S. 78.....	Cataloging	Boaz.....	Daily.....	L1
Math. 7.....	General Mathematics.....	Ikenberry.....	Daily.....	W8
*P. S. 3-4.....	General Physics.....	Pittman.....	MP.....	JH
S. S. 68.....	Russia and the Far East.....	Frederikson.....	Daily.....	R12

PERIOD II—8:20-9:20

*Art 2.....	Basic Art.....	Grove.....	MT.....	W40
*Art 55.....	Art Education Problems.....	Grove.....	WThF.....	W40
*Bio. 1-2.....	General Biology.....	Miller.....	Daily.....	W27
*B. E. 60.....	Office Machines.....	Sanders.....	TWThF.....	L2
*B. E. 63 or 64.....	Advanced Shorthand.....	Brady.....	MWThF.....	R6
*Chem. 35.....	Organic Chemistry.....	Chappell.....	Daily.....	M27-11
*Ed. 40s.....	Laboratory Course in Elementary Education.....	Anthony.....	Daily.....	R3
*Ed. 52.....	Elementary Education II.....	Seeger.....	Daily.....	W22
*Ed. 75s-76s.....	Child Study and Guidance in the Elementary School.....	Eagle.....	Daily..... (June 20- July 15).....	BR
Ed. 81.....	Philosophy of Education I.....	Hamrick.....	Daily.....	W24
*Ed. 85-86.....	Guidance in the High School	Eagle.....	Daily..... (July 18- Aug. 12).....	BR
Eng. 1-b.....	Freshman English.....	Boje.....	Daily.....	W33
*H. E. 48.....	Survey Course in Home Economics	Hardesty.....	Daily.....	M12
L. S. 95.....	Organization of Materials.....	Cundiff.....	Daily.....	L1
L. S. 97.....	Survey of Librarianship.....	McMullen.....	MWF.....	L2
Math. 5.....	College Algebra.....	Ikenberry.....	Daily.....	W8
P. E. 35s.....	Physical Education Techniques	Savage.....	Daily.....	RG
*P. S. 3-4.....	General Physics.....	Pittman.....	WF.....	JH
*P. S. 31-32.....	Fundamentals of Science.....	Pittman.....	MT.....	JH
*Psy. 31-32.....	General Psychology.....	Shorts.....	Daily.....	W21
S. S. 1.....	American Government.....	Smith.....	Daily.....	R16
S. S. 60.....	Current Public Affairs.....	McIlwraith.....	Daily.....	R14
S. S. 96.....	Economic Problems.....	Frederikson.....	Daily.....	R12

†Room assignments are as follows: R stands for Reed Hall; W, for Wilson Hall; M, for Maury Hall; RG, for gymnasium in Reed Hall; AG, for gymnasium in Ashby Hall; JH, for basement in Johnston Hall; MR (with no number following) for the Music Room in Harrison Hall; WR (with no number following) for the Recording Studio in Wilson Hall; L, for Library; GR, Basement of Reed; BR, Breeze Room.

*Double period courses.

PERIOD III—9:25-10:25

CLASS		INSTRUCTOR	DAYS	ROOM
*Art 2.....	Basic Art.....	Grove.....	Daily.....	W40
*Bio. 1-2.....	General Biology.....	Miller.....	Daily.....	W27
*B. E. 55 or 56.....	Advanced Typewriting.....	Brady.....	MTThF.....	L3
*B. E. 66 or 67.....	Accounting.....	Sanders.....	MTWTh.....	R6
*Chem. 1-2.....	General Chemistry.....	Chappell.....	MTWTh.....	M11
*Ed. 40s.....	Laboratory Course in Elementary Education.....	Anthony.....	Daily.....	R3
*Ed. 52.....	Elementary Education I.....	Seeger.....	TWTh.....	W22
Ed. 68s.....	Classroom Teaching.....	Houchell.....	MWF.....	R4
*Ed. 75s-76s.....	Child Study and Guidance in the Elementary School.....	Eagle.....	Daily..... (June 20- July 15).....	BR
*Ed. 85-86.....	Guidance in the High School.....	Eagle.....	Daily..... (July 18- Aug. 12).....	BR
Eng. 45.....	Types of Modern Literature.....	Huffman.....	Daily.....	W32
Eng. 98.....	The English Language: Advanced Grammar.....	Curtis.....	Daily.....	W33
*H. E. 48.....	Survey Course in Home Economics.....	Hardesty.....	MWF.....	M12
H. E. 89.....	Child Development.....	Varner.....	Daily.....	M15
*L. S. 81-82.....	Books and Related Materi- als for Children and Young People.....	Cundiff.....	Daily.....	L1
Math. 8.....	General Mathematics.....	Ikenberry.....	Daily.....	W8
*Phil. 69s.....	Ethics.....	Gifford.....	Daily..... (June 20- July 15).....	W24
P. E. 37.....	Safety and First Aid.....	Savage.....	MWF.....	R8
*P. S. 1-2.....	General Physics.....	Partlow.....	MTWTh.....	JH
*P. S. 31-32.....	Fundamentals of Science.....	Pittman.....	Daily.....	JH
*Psy. 31-32.....	General Psychology.....	Shorts.....	Daily.....	W21
Psy. 87.....	Advanced Educational Psychology.....	Hamrick.....	Daily.....	W24
S. S. 65.....	Recent European History.....	McIlwraith.....	Daily.....	R14

PERIOD IV—10:30-11:30

CLASS		INSTRUCTOR	DAYS	Room
*Art 2.....	Basic Art.....	Grove.....	F.....	W40
*Art 65.....	Crafts	Grove.....	MTWTh.....	W40
Bio. 60s.....	Biology of Man and His Environment	Miller.....	Daily.....	W27
*B. E. 31 or 32.....	Typewriting	Sanders.....	MTThF.....	L3
B. E. 65.....	Personnel Administration.....	Brady.....	Daily.....	R6
*Chem. 1-2.....	General Chemistry.....	Chappell.....	Daily.....	M27
Ed. 61.....	Secondary Education I.....	Houchell.....	Daily.....	R4
Ed. 64s.....	New Developments in the Teaching of Reading.....	Seeger.....	Daily.....	W22
*Ed. 75s-76s.....	Child Study and Guidance in the Elementary School.....	Eagle.....	Daily..... (June 20- July 15).....	BR
*Ed. 85-86.....	Guidance in the High School.....	Eagle.....	Daily..... (July 18- Aug. 12).....	BR
Eng. 2.....	Freshman English.....	Schubert.....	Daily.....	W31
Eng. 31.....	A Survey of English Literature	Boje.....	Daily.....	W33
Geog. 55.....	Man's Physical World.....	Hanson.....	Daily.....	R11
H. Ed. 40.....	Hygiene	Monger.....	MWF.....	R8
*H. E. 47.....	Survey Course in Home Economics	Hardesty.....	Daily.....	M9
*H. E. 65.....	School Lunch Management.....	Varner.....	Daily.....	M15-22
*L. S. 81-82.....	Books and Related Materi- als for Children and Young People.....	Cundiff.....	Daily.....	L1
L. S. 96.....	Administration of School Libraries	Boaz.....	Daily.....	L2
Mus. 2.....	Music Fundamentals.....	Shaeffer.....	Daily.....	MR
*Phil. 69s.....	Ethics	Gifford.....	Daily..... (June 20- July 15).....	W24
*P. S. 1-2.....	General Physics.....	Partlow.....	Daily.....	JH
*P. S. 31-31.....	Fundamentals of Science.....	Pittman.....	Daily.....	JH
Psy. 56.....	Psychology of Personality.....	Shorts.....	Daily.....	W21
S. S. 2.....	American Government.....	Smith.....	Daily.....	R16
S. S. 95.....	Social Problems.....	Frederikson.....	Daily.....	R12

PERIOD V—11:35-12:35

CLASS		INSTRUCTOR	DAYS	ROOM
*Art 65.....	Crafts	Grove.....	TWThF.....	W40
*Bio. 1-2.....	General Biology.....	Miller.....	MTWTh.....	W27
*B. E. 55 or 56.....	Advanced Typewriting.....	Brady.....	MTThF.....	L3
*B. E. 60.....	Office Machines.....	Sanders.....	TWThF.....	L2
*B. E. 63 or 64.....	Advanced Shorthand.....	Brady.....	MTThF.....	L3
*Chem. 1-2.....	General Chemistry.....	Chappell.....	Daily.....	M27
Ed. 66s.....	Co-Curricular Activities.....	Kidd.....	Daily.....	W33
Eng. 30.....	Children's Literature.....	Seeger.....	Daily.....	W22
Eng. 50b.....	Voice and Diction.....	Schubert.....	Daily.....	W31
Eng. 55.....	Shakespeare	Huffman.....	Daily.....	W32
Geog. 56.....	Climates and Man.....	Hanson.....	Daily.....	R11
H. E. 60.....	Health Education.....	Monger.....	MWF.....	R8
*H. E. 47.....	Survey Course in Home Economics	Hardesty.....	MWF.....	M9
*H. E. 65.....	School Lunch Management.....	Varner.....	MWF.....	M22
L. S. 77.....	Reference and Bibliography.....	Comer.....	Daily.....	L1
Mus. 66.....	Music Education for the Elementary Grades.....	Shaeffer.....	Daily.....	MR
*P. S. 1-2.....	General Physics.....	Partlow.....	Daily.....	JH
*P. S. 58.....	Astronomy	Pittman.....	Daily.....	JH
S. S. 66.....	Recent European History.....	McIlwraith.....	Daily.....	R14
S. S. 70.....	History of American Foreign Relations.....	Smith.....	Daily.....	R16

PERIOD VI—1:30-2:30

*B. E. 66 or 67.....	Accounting	Sanders.....	MTWTh.....	R6
Ed. 82.....	Philosophy of Education II.....	Hamrick.....	Daily.....	W22
H. E. 99.....	Home Management Residence	Hardesty.....	Daily.....	Hours to be arranged.
Math. 6.....	Plane Trigonometry.....	Partlow.....	Daily.....	W8
Mus. 54.....	Music History and Appreciation	Shaeffer.....	Daily.....	MR
P. E. 10s.....	Elementary Swimming.....	Savage.....	Daily.....	Pool
*P. S. 31-32.....	Fundamentals of Science.....	Pittman.....	MW.....	JH
*P. S. 58.....	Astronomy	Pittman.....	TTh.....	IH
Ed. 90.....	Directed Teaching.....			Hours to be arranged.
H. E. 80.....	Directed Institution Management	Raine and Copper.....		Hours to be arranged.
H. E. 99.....	Home Management Residence	Hardesty.....		Daily..... Hours to be arranged.
L. S. 88.....	Directed School Library Service	Miller.....		Hours to be arranged.

APPLICATION

(Summer Session)

MADISON COLLEGE, HARRISONBURG, VIRGINIA

Date _____, 194____

Name _____ Age _____

Post Office _____

Curriculum desired _____

Year of Curriculum _____ Semester of Curriculum _____

Graduate of what high school? _____

Was the school accredited at time of graduation? _____

If not a graduate, what certificate do you hold? _____

Desired roommate _____

DIRECTIONS TO STUDENTS

1. Please read carefully this Bulletin.
2. If you have not applied for admission to the summer session (unless you will live at home), please do so at once.
3. Students coming to Harrisonburg by train should purchase tickets either to Staunton, Va. (C. & O. Ry.) or to Elkton, Va. (N. & W. Ry.). If you wish the college to provide transportation from the railroad station to Harrisonburg, please notify the President's Office. On arrival, give your baggage check to the college representative at the railroad station, or, if not given there, take it to the Business Manager's Office.
4. All day students should report for registration on Monday morning, June 20th.

APPLICATION

(Student Form)

HARRISON COLLEGE, HARRISBURG, VIRGINIA

1911-1912

NAME _____
ADDRESS _____
CITY _____
STATE _____
COUNTRY _____
DATE OF BIRTH _____
EDUCATION _____
RELIGION _____
OCCUPATION _____
REMARKS _____

DIRECTIONS TO STUDENTS

1. Fill out this form carefully and truthfully.
2. If you have not yet received your admission ticket, please see the Registrar.
3. Send your money to the Registrar, 100 North Washington Street, Harrisburg, Pa. (R. D. No. 1).
4. All day students should report for registration on Monday, September 10, 1911.