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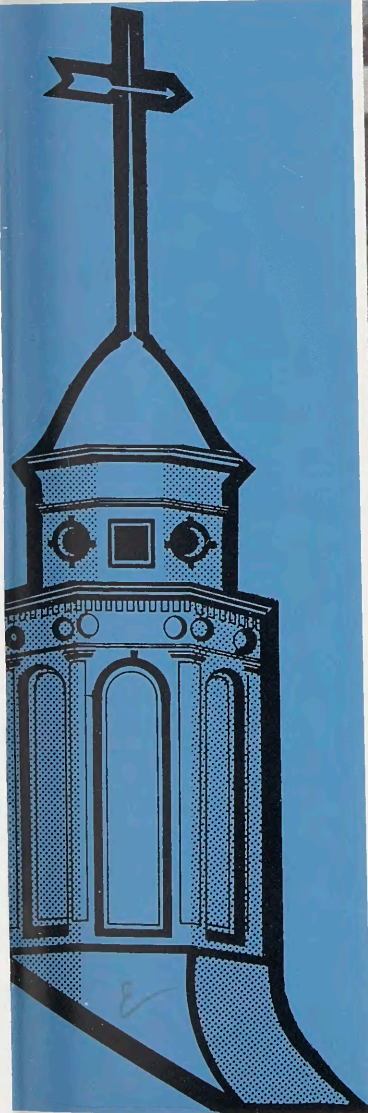
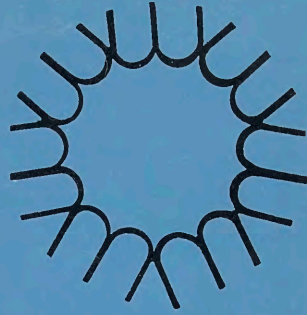
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MADISON COLLEGE SUMMER 1970



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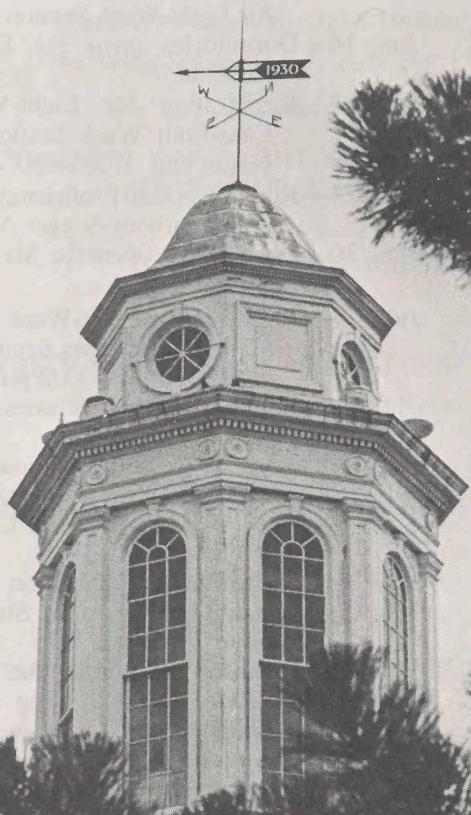
The American Council on Education

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SUMMER SESSION CALENDAR

1970

JUNE

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

JULY

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

AUGUST

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

- June 9—Dormitories open 12:30 Noon for Intersession students.
- June 9—Dining room opens with the evening meal.
- June 10—Registration for Intersession 8:00 a.m.
- June 10—Classes begin. Classes meet 9:00 a.m. on Registration Day.
- June 16—Deadline for filing with Educational Testing Service for Graduate Record Examination on July 11.
- June 16—Dining room opens with the evening meal for Eight-Week Session students.
- June 16—Dormitories open for Eight-Week Session students.
- June 17—Registration for Eight-Week Session and First-Four Week Session, 8:30 a.m.-12:00 Noon and 1:30-4:30.
- June 24—Junior English Proficiency Test (Essay) 1:30 p.m., Anthony-Seeger Auditorium.
- June 30—Dormitories open for Six-Week Session students.
- July 1—Registration for Six-Week Session, 7:30 a.m.-8:35 a.m. Classes begin. Period 1 classes meet 1:40 p.m.-3:00 p.m. on day of Registration. Other classes meet on regular schedule.
- July 11—Graduate Record Examination.
- July 14—Eight-Week classes meet; final examination for First-Four Week Courses; 1:00 p.m.-3:30 p.m.
- July 14, 15—Institute on Education.
- July 15—Registration for new Students in Second-Four Weeks: 7:15 a.m.-12:00 Noon. Classes meet on regular schedule.
- July 24—Deadline for final filing of thesis with the graduate office if degree is to be received August 14.
- July 25—Comprehensive Examination.
- August 11, 12, 13—Examinations.
- August 14—Friday, 8:00 p.m. Final exercises, conferring of degrees.

MADISON COLLEGE

HARRISONBURG, VIRGINIA

SUMMER SESSION, 1970 FOR GRADUATES AND UNDERGRADUATES

Eight-Week Session—June 17-August 13

First-Four Week Session—June 17-July 14

Second-Four Week Session—July 15-August 13

Three-Week Session—June 10-June 30

Six-Week Session—July 1-August 13

REGISTRATION FOR EIGHT-WEEK SESSION AND FIRST-FOUR WEEKS

June 17— $\left\{ \begin{array}{l} 8:30 \text{ A.M.}—12:00 \text{ Noon} \\ 1:30 \text{ P.M.}—4:30 \text{ P.M.} \end{array} \right.$

REGISTRATION FOR SECOND-FOUR WEEKS

July 15—7:15 A.M.-12:00 Noon

THREE-WEEK SESSION—REGISTRATION AND FIRST CLASS MEETING

June 10—8:00 A.M.

SIX-WEEK SESSION—REGISTRATION AND FIRST CLASS MEETING

July 1—7:30 A.M.-8:35 A.M.

**PLEASE BRING THIS BULLETIN
WITH YOU WHEN YOU REGISTER**

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- WILLIAM M. SANDERS, *Head, Department of Mathematics; Professor of Mathematics*. B.S., State College of Arkansas; M.A., University of Arkansas; Ph.D., University of Illinois.
- MARY L. SCHELL, *Assistant Professor of Physical and Health Education*. A.B., Catawba College; M.A., George Peabody College.
- MAJORIE SCHERWITZKY, *Professor of Education*. B.S., Teachers College of Connecticut; M.A., Ed.D., Teachers College, Columbia University.
- ELIZABETH G. SHAFER, *Associate Professor of Special Education*. B.A., M.S., Ph.D., Florida State University.
- LETA C. SHOWALTER, *Public Services Librarian, Assistant Professor*. B.A., Bridgewater College; B.L.S., Columbia University.
- BEVERLY P. SILVER, *Assistant Professor of Biology*. B.S. in Ed., Madison College; M.S., Louisiana State University.
- RAYMOND O. SIMMONS, *Professor of Chemistry*. B.S.A., M.S., Ph.D., Purdue University.
- ELMER L. SMITH, *Head, Department of Sociology, Professor of Sociology*. B.S., Florida Southern College; M.A., Western Reserve University; D.S.Sc., Syracuse University.
- JON STAIB, *Assistant Professor of Physics*. B.S., University of Toledo; M.S., Case Institute of Technology; Ph.D., Case Western Reserve University.
- PAUL H. STEAGALL, JR., *Associate Professor of Business Education*. B.S., M.Ed., Virginia Polytechnic Institute; Ph.D., The Ohio State University.

- JOHN G. STEWART, *Associate Professor of German and Latin*. B.A., College of the Pacific; M.A., Columbia University.
- BARBARA N. STONE, *Associate Professor of Sociology*. A.B., George Washington University; M.A., University of Tennessee; Ed. D., Boston University.
- KENNETH A. SZMAGAJ, *Instructor of Art*. B.F.A., Wayne State University; M.A., University of Iowa.
- GERALD TAYLOR, *Associate Professor of Physics*. B.S., M.S., Virginia Polytechnic Institute; Ph.D., University of Virginia.
- CRYSTAL THEODORE, *Professor of Art*. A.B., Winthrop College; A.M., Ed.D., Columbia University.
- GILBERT S. TRELAWNY, *Professor of Biology*. B.S., Delaware Valley College of Science and Agriculture; M.S., Ph.D., Lehigh University.
- ROSALIND TRENT, *Assistant Professor of English*. A.B., Women's College of the University of North Carolina; M.A., Duke University.
- BENJAMIN F. WADE, *Associate Professor of Philosophy and Biblical Literature*. B.A., Bridgewater College; B.D., United Theological Seminary in Ohio; M.S., Boston University; M.S., Columbia University; Ph.D., Hartford Seminary Foundation.
- JOYCE WAHLSTROM, *Instructor of English*. A.B., M.A., University of Michigan.
- WILLIAM O. WALSH, *Assistant Professor of Business Education*. B.S., Southwest Missouri State College; M.S., Kansas State Teachers College.
- MARGUERITE L. WAMPLER, *Assistant Professor, Supervisor of Third and Fourth Grades*. B.A., M.S. in Ed., Madison College.
- DAVID A. WATKINS, *Assistant Professor of Music*. B.M., B.S., M.A., The Ohio State University.
- LOWELL M. WATKINS, *Assistant Professor of Music*. B.S., State College, West Chester, Pennsylvania; M.A., Columbia University.
- JOHN C. WELLS, *Head, Department of Physics, Professor of Physics*. A.B., Colgate University; M.A., Ed. D., Columbia University.
- HERBERT B. WHITMER, JR., *Associate Professor of Sociology*. B.A., Bridgewater College; M.S. in Social Work, Richmond Professional Institute of the College of William and Mary.

LEON D. WIESENER, *Assistant Professor of Art*. B.A., M.F.A., Florida State University.

RUTH JONES WILKINS, *Associate Professor of English*. A.B., M.Ed., College of William and Mary; M.A., University of Richmond.

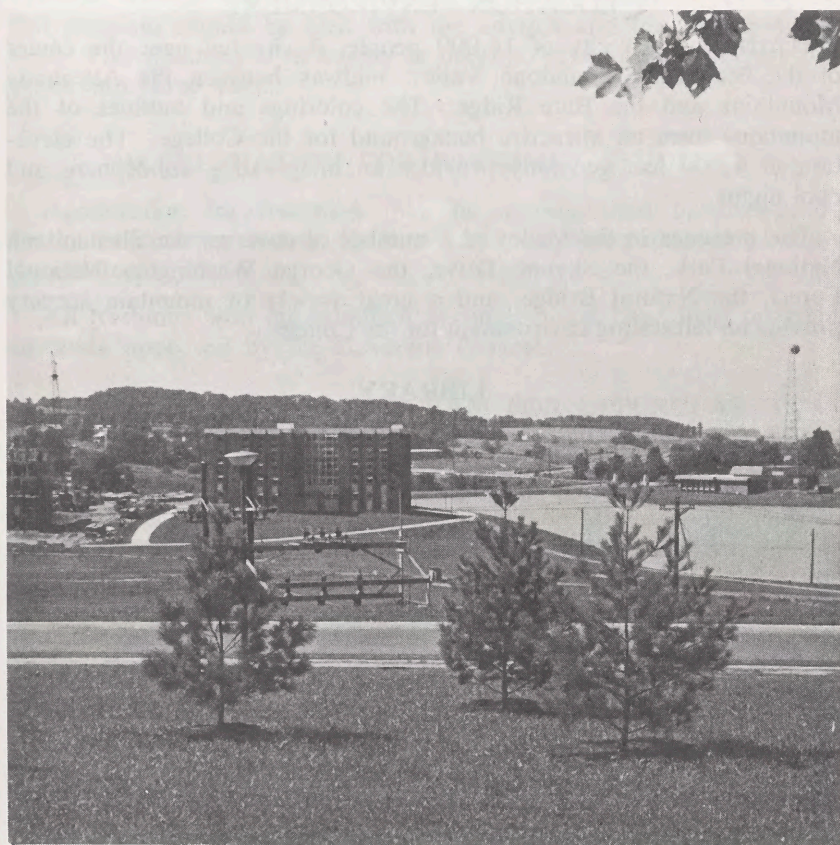
HOWARD M. WILHELM, *Assistant Professor of Economics*. B.A., University of Virginia; M.A. in Ed., Madison College.

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

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

TODD R. ZEISS, *Assistant Professor of English*. B.A., Lawrence University; M.A., University of Virginia; M.F.A., University of Iowa.

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



INTRODUCTION TO MADISON COLLEGE

Madison College, a State-aided, general college of arts and sciences, was established in 1908 by the Legislature of Virginia. It is operated under the supervision, management, and government of the Board of Visitors of Madison College. The College enrolls at the present time more than 4,000 students in the Winter Session and approximately 1,900 in the Summer Session.

The over-all purpose of Madison College is to educate students for the responsibilities of life and leadership in the State and Nation. To this end the College has been authorized by the State Board of Education to confer three baccalaureate and four post-baccalaureate degrees: Bachelor of Arts, Bachelor of Science, Bachelor of Music Education, Master of Arts in Education, Master of Science in Education, Master of Arts, and Master of Science.

LOCATION—ENVIRONMENT

Harrisonburg, a city of 16,000 people, is 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 background for the College. The elevation of 1,300 feet generally provides an invigorating atmosphere and cool nights.

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 mountain scenery provide an interesting environment for the College.

LIBRARY

The Madison Memorial Library building contains over 145,000 volumes carefully selected to implement the instructional program of the College and to help the student gain a cultural background for personal growth. The book collection is supplemented by over 1,000 current periodicals and newspapers and by collections of recordings, and pamphlets. The Library is organized to give students maximum freedom in the use of all library materials.

LABORATORIES

Excellent laboratory facilities are available for work in biology, business education, chemistry, physics, home economics, audio-visual education, foreign languages, and fine and industrial arts. The kitchen and dining halls are also used as laboratory facilities in institution management.

THE SUMMER SESSION

The program for the Summer Session at Madison College has been designed to serve a wide variety of students. It makes available to Madison students, to students from other colleges, to teachers in elementary and secondary schools and to other scholars a wide variety of courses, both academic and professional.

THE ACCELERATED PROGRAM

Madison College was the first Virginia college to organize its work on an all-year basis. For more than thirty years it has been possible for students to complete a four-year program at Madison College in three years by taking work in Summer Sessions as well as during the regular academic year. If a student wishes to enter the accelerated program, he should, with the help of his advisor and the Assistant Provost, arrange a complete tentative three-year program. A copy of this program should be filed with the advisor and the Assistant Provost. This planning is necessary in order to schedule a four-year program into three years.

ACCELERATION FOR FRESHMEN STUDENTS

Acceleration for freshmen may be accomplished by high-school graduates entering college in June and completing their work three years later.

All freshmen who are admitted in June should have their programs of study approved by the Assistant Provost.

THE ACCELERATED PROGRAM FOR UPPERCLASSMEN

Upperclassmen who decide to finish a four-year program in three calendar years need to make choices with special care in the Summer Session.

FACULTY ADVISERS

If the student needs assistance in planning his summer program, and his assigned advisor is not available, he should seek the help of the departmental chairman of the subject in which he is majoring.

DEGREE PROGRAMS

BACCALAUREATE DEGREE PROGRAMS

Madison College offers programs leading to the Bachelor of Arts, Bachelor of Science, and the Bachelor of Music Education degrees.

These programs, along with requirements for graduation, are described in detail in the bulletin of the Regular Session.

The student interested in enrolling in one of these programs should request a copy of the bulletin of the Regular Session from the Director of Admissions.

GRADUATE DEGREE PROGRAMS

Madison College offers programs leading to the Master of Arts in Education, Master of Science in Education, Master of Arts and Master of Science degrees. A complete description of the graduate program is included in the Graduate Bulletin.

ADMISSION TO THE GRADUATE PROGRAM

Applications for admission to the Graduate Program of Madison College may be obtained from the Office of the Provost. Application forms should be completed and returned at least thirty (30) days before enrollment is desired.

Each applicant must submit an official transcript of all undergraduate and graduate work previously taken. A completed medical form is required of all full-time applicants. A statement of good health signed by a physician must be submitted to the Graduate Office by part-time students. A ten dollar (\$10) application fee, payable once only and non-refundable, is required of all applicants.

Action will not be taken on a student's application until all credentials have been received.

GRADUATE COURSES IN SUMMER SESSIONS

In 1970 there will be a session of Eight Weeks, divided into two Four-Week terms. A graduate student will be able to earn nine semester hours by attending the full session. During this period he could take three courses that continue through the Eight Weeks, or one such course along with one course offered during the First Four Weeks, followed by one course offered during the Second Four Weeks. A normal load for four weeks is three semester hours.

This year a second opportunity for completing nine semester hour credits is available by attending one course during the three-week intersession and two courses during the six-week session. A student may also combine six and eight-week courses for a total of nine semester hours credit.

ADMISSION

Application

A formal application for admission to the Summer Session is required of all students who wish to attend the Summer Session. An application form for this purpose may be found at the back of this catalog. This application form should be completed carefully and returned promptly. A non-refundable application fee of \$5.00 must accompany the application. The Committee accepts for admission those applicants who seem to be best qualified to benefit from the educational opportunities offered by the College. Applications for admissions will be considered without regard to race, color, or national origin of individuals.

To be admitted to the Summer Session, an applicant must be a graduate of an accredited high school or secondary school and must have such records as to recommend him for admission to college. In addition to satisfactory academic qualifications, the applicant must be in good health, free from any communicable disease, and physically capable of performing the usual duties required by the College program. Any student who withholds pertinent information may be asked to withdraw from the College.

Admission to the Summer Session does not imply admission to the regular session. For admission policies of the College see the regular session catalog for 1969-70. Applications for admission to the regular session are submitted to the Director of Admissions.

The College does not accept for admission, re-admission, or re-registration those applicants who are unwilling to meet the standards, academically, socially, or by way of dress, personal appearance and general conduct, as set forth by the College.

Classification

Summer School applicants fall into two general classifications: entering freshmen (no previous college work) and advanced students (previous college attendance).

Entering Freshmen

All first-time entering freshmen must be approved by the Admissions Committee. An entering freshman must submit the regular application for admissions forms including a \$10 application fee, a transcript of his high school record, scores on the Scholastic Aptitude Test of the College Entrance Examination Board, and a recommendation from his high school principal. Each applicant is considered on his individual merits in accordance with the policies established by the Committee on Admissions.

Advanced Students

An advanced student who wishes to earn credits in the Summer Session must be in good standing at the last college or university he attended, or must have been honorably dismissed from that institution. Evidence to this effect must be submitted along with the student's application for admission.

An advanced student who wishes to earn credits in the Summer Session to transfer to another college must submit a "Statement of Good Standing" from the college to which the credits are to be transferred. A blank for this purpose may be found in the back of this catalogue. This form should be filled in by the dean or registrar and returned to the Assistant Provost, Madison College.

An advanced student who wishes to earn credit for the renewal of a teaching certificate must submit a "Statement of Good Standing" or "Honorable Dismissal" from the last college attended. A blank for this purpose may be found at the back of this catalogue. This form should be filled in by the dean or registrar and returned to the Assistant Provost, Madison College.

Any student who holds a Bachelor's Degree from an accredited institution of higher education and who wishes to pursue courses for degree or non-degree purposes must complete the graduate application form. This application form must be accompanied by a \$10 application fee payable once only and non-refundable. Students who are not working toward a degree will be considered unclassified graduate students. Students in this category should write directly to the Office of the Provost to secure instructions and the graduate application form. This form must be completed and returned before admission to the summer session will be granted.

Veterans

Veterans are admitted to Madison College under the Public Laws granting educational benefits to veterans. However, applicants must meet the general admissions requirements of the summer session as established for other students. Credit for advanced standing may be awarded upon the basis of courses completed in service or through acceptable scores on standardized tests submitted for evaluation. An increase in the enrollment of veterans is anticipated.

Room Reservation

A room reservation fee of \$15.00 is required for all students who wish to live in a college residence hall. This fee will be credited to the students' account upon his enrollment. It can be refunded only if the application is cancelled before May 1, or if the application is not approved.

A room reservation form may be found in the back of this catalog which should be enclosed with the summer session application and returned to the Assistant Provost. This room reservation form should be accompanied by the \$15 room deposit as described above.

Rooms for the Summer Session will be assigned by the Director of Housing in the order in which applications are received. Students will be notified of their room assignments by mail and should report directly to the residence hall when they arrive on campus. Dormitories for the first-four weeks and eight-weeks session will open on June 16. For the six-week session dormitories will be open June 30.



EXPENSES

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

General Fees	\$ 15.00
Undergraduate—per credit hour.....	20.00
Graduate—per credit hour	
Tuition Fee (Additional fee per credit hour required of non-Virginia students only).....	12.00
Student Activity Fee.....	5.00
Board, room and laundry	
Eight-Week Session	144.00
Four-Week Term	72.00
Telephone Fee—(Dormitory Students—per week).....	0.50

Thesis: Graduate students registering for a thesis will be charged \$20.00 per credit hour plus out-of-state tuition if applicable.

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

Fee for Schedule Adjustment and Late Registration: A fee of \$5.00 will be charged to those students who change schedules after registration or who register after the specified time. Any waiver of this fee must have the approval of the Assistant Provost of the College.

Massanetta Music Workshop—(see Music Department)

Auditing: A person who registers as an auditor will pay the same General Fee as one who registers for credit.

Diploma Fee: The diploma fee will be \$5.00 for a Bachelors Degree and \$7.50 for a Masters.

Student Teaching: Any student taking student teaching in conjunction with other courses will be classified as a full-time student and will be charged full rates.

Board, Room and Laundry: Fees for room, board and laundry are \$18.00 a week for all dormitory students. The charge for visitors will be \$1.50 a day for room, plus a charge for meals.

Single Rooms: A limited number of single rooms are available. Any student who wishes to room alone will be charged an additional \$12.00 for such accommodations. This will be payable at the time of registration.

Telephone Fee: Dormitory students will pay a small telephone fee for the telephone in their suite.

All financial accounts must be settled before a diploma or certificate of credit will be awarded.

A \$5.00 application fee must accompany the Summer School application. This application fee is non-refundable, non-transferable, and will not be credited to the student's account. In addition a room reservation fee of \$15.00 will be required of all dormitory students. This fee will be credited to the student's account upon his registration and enrollment in Madison College. This room reservation fee also applies to children who will accompany their parents to the Summer Session.

All graduate applicants or summer students who hold the Bachelor's Degree must complete a graduate application form and pay a ten dollar (\$10) application fee, payable once only and non-refundable.

REFUNDS

The following charges and refunds apply to students withdrawing from the College and to late entrances and absences. Refunds will be figured from the effective date of withdrawal, which is not necessarily the date of leaving campus.

Fees: Students who withdraw from the college within five days after registration will be charged the Minimum Registration Fee of \$15.00. For withdrawal after five days, but before the middle of the session, students will be charged one-half of the general fee and all other fees in full. After the middle of the session no adjustment in fees will be made for withdrawal from college.

Students who withdraw due to illness certified by a physician, or for unavoidable emergency, or extenuating circumstances approved by the Dean of Student Services will be charged a pro rata share of all fees.

Room Rent, Board and Laundry: Room rent will be charged in full unless fees are adjusted on the basis of the preceding paragraph. Board and laundry will be prorated for the actual time in residence.

Enforced Withdrawals: Any refunds made to students whose connections with the College terminate because of disciplinary action or enforced withdrawal will be at the discretion of the President of the College.

Late Entrance and Absences: Adjustment in the charge for room and board will not be made for late entrance.

Room Deposit Fee: The room deposit fee of \$15.00 will not be refunded unless the student is refused admission by the College or unless the application is cancelled prior to May first.

FINANCIAL AIDS

SCHOLARSHIPS

GRADUATE AND UNDERGRADUATE SUMMER SESSION TEACHING SCHOLARSHIPS (for teachers in service).

At the 1947 Special Session of the Virginia General Assembly, a system of State Scholarships was established for Virginia teachers attending summer school in Virginia Colleges. At succeeding sessions appropriations for such scholarships, which are awarded under rules and regulations of the State Board of Education, have been continued.

I. GENERAL ELIGIBILITY

The candidate must be a resident of Virginia and be under contract with a Virginia school board for the ensuing session and expected to teach the subject, subject area, or grade to be studied.

A waiver of the requirement that the candidate be under contract for the ensuing session may be made upon the recommendation of the division superintendent. Candidates whom he intends to employ at some future date as kindergarten teachers are eligible for Summer School Scholarship courses leading to endorsement in Kindergarten Education.

II. SPECIFIC REQUIREMENTS

To obtain undergraduate scholarship assistance, the candidate must be enrolled in an accredited State-supported or private non-sectarian Virginia institution of higher learning in a summer session for not less than three semester hours and be in one of the following categories:

- a. A college graduate who enrolls in courses leading to the Collegiate Professional Certificate.
- b. A holder of a Collegiate or Collegiate Professional teacher's certificate who enrolls in courses leading to an acceptable endorsement not now on his certificate in order to prepare for a teaching assignment effective in the fall of the current year. (*See exception under General Eligibility.*)
- c. A teacher who enrolls in courses in Educational Television, Guidance, Training of the Handicapped, or in subjects usually taught in the elementary school at the request of the superintendent in order to prepare for a teaching assignment effective in the fall of the current year. (*See exception under General Eligibility.*)

- d. Have completed a minimum of 60 semester hours of college work and be enrolled in courses leading to a degree. This includes holders of the Normal Professional Certificate, and Special License or equivalent. Teachers who have completed less than 60 semester hours of college work may apply. They will be processed as special cases in terms of the recommendation from the division superintendent and the availability of teacher scholarship funds.

To obtain graduate scholarship assistance, the candidate must hold a Virginia teacher's certificate in force and be endorsed in the subject, subject area, or grade to be taught and be enrolled in an accredited State-supported or private non-sectarian Virginia institution of higher learning in a summer session for not less than three semester hours of graduate or advanced undergraduate work appropriate for the applicant in one of the following areas:

- a. Courses in Kindergarten Education, courses in the techniques of Teaching Reading, and subjects usually taught in the elementary schools.
- b. History, Economics, Geography, Government, English, Foreign Language, Mathematics, and Science (including Conservation).
- c. Guidance.
- d. Audio-Visual instructional media including Educational Television.

III. APPLICATION PROCEDURES

Graduate and undergraduate scholarship assistance forms will be available in March in the Office of the Division Superintendent of Schools. The superintendent under whom the applicant has taught or will teach must recommend the candidate for enrollment in the approved courses. For further information the teacher should consult his division superintendent of schools.

Applications must be submitted on official forms to the Department of Education in Richmond, Virginia, by April 28.

IV. SCHOLARSHIP PAYMENT

After the applicant has been approved and enrolled in the proper courses, a check will be sent to the student in care of the College. Reimbursement will be at the rate of \$20.00 per semester hour of credit: Minimum—3 semester hours, \$60.00; maximum—9 semester hours, \$180.00. In no instance will the amount reimbursed exceed the actual college resident cost of tuition, required fees, room and board.

PRORATED SUMMER STATE TEACHERS' SCHOLARSHIPS

A student who continues study in the summer session in order to secure a degree in less than four calendar years or a teacher who attends a summer term and then remains in college for the regular session may be considered eligible for a Prorated Summer Quarter State Teachers' Scholarship. Study may consist of a maximum of ten (10) semester hours of credit toward the baccalaureate degree. Scholarship aid will be available at the rate of \$117.00 per summer quarter for a full class load of ten (10) semester hours. (The minimum class load is six (6) semester hours with scholarship aid at the rate of \$12.00 per semester hour.) To qualify the applicant must be a resident of Virginia enrolled in an approved course of study which includes student teaching and qualifies him for a Collegiate Professional Certificate, and personal characteristics desirable for teaching. A limited number of freshmen are eligible for this scholarship.) The scholarship obligations may be cancelled with no repayment of money, by teaching after graduation from college one full year in the Virginia Public Schools for each scholarship held. If graduation is accelerated by including prorated summer scholarships with regular term scholarships, the period of teaching to cancel the four or more loans will not extend over more than four school years. *Applications may be obtained from the Office of Admissions and Student Aid, Madison College, upon request, from February first to April first.*

STUDENT EMPLOYMENT

Dining Hall Service: Students are employed as waitresses and waiters in the dining hall at Madison College, and for their services they receive compensation for the summer session ranging from \$116.00 to \$174.00, depending upon the number of hours worked. The students who receive this employment are selected on the bases of merit, date of application, financial need, and other qualifications. Applications are received in the Office of Admissions and Student Aid, and they should be filed at an early date.

Ten Hour Service: The College provides employment for a number of students who serve as assistants in the library, laboratories, administrative offices, and in the recreational program. The compensation for these positions is approximately \$116.00 for ten hours work per week for the Summer Session.

College Work-Study: A federal supported program of employment for students, especially those from low-income families who need to help pay for college expenses, permits students to work up to fifteen (15) hours a week at \$1.45-\$3.00 an hour (depending upon the skills required on the job). The student's eligibility depends upon both ability and need for employment. On-campus jobs can include work in the dining halls, laboratories, library, dormitories, maintenance and

secretarial positions for the faculty and administration. Madison College has submitted applications for federal funds to participate in off-campus college-work-study programs if funds are appropriated. Off-campus employment programs will begin July 1, 1970.

NATIONAL DEFENSE STUDENT LOANS

Madison College has participated in the National Defense Student Loan Program since 1959. Freshmen who have been accepted for enrollment or upperclassmen with acceptable academic averages who are enrolled in full-time or at least half-time courses at Madison College and who need financial aid for educational expenses are eligible for National Defense Student Loans. Madison College only has funds available for full-time student borrowers.

An undergraduate student may borrow up to one thousand dollars (\$1,000) each academic year to a total of five thousand dollars (\$5,000). Graduate students may borrow as much as two thousand five hundred dollars (\$2,500) per year to a maximum of ten thousand dollars (\$10,000). The repayment period and the interest do not begin until nine months after the student ends his studies. The loans bear interest at the rate of 3 per cent per year and repayment of principal may be extended over a ten-year period, except that the institution may require a repayment of no less than fifteen dollars (\$15) per month.

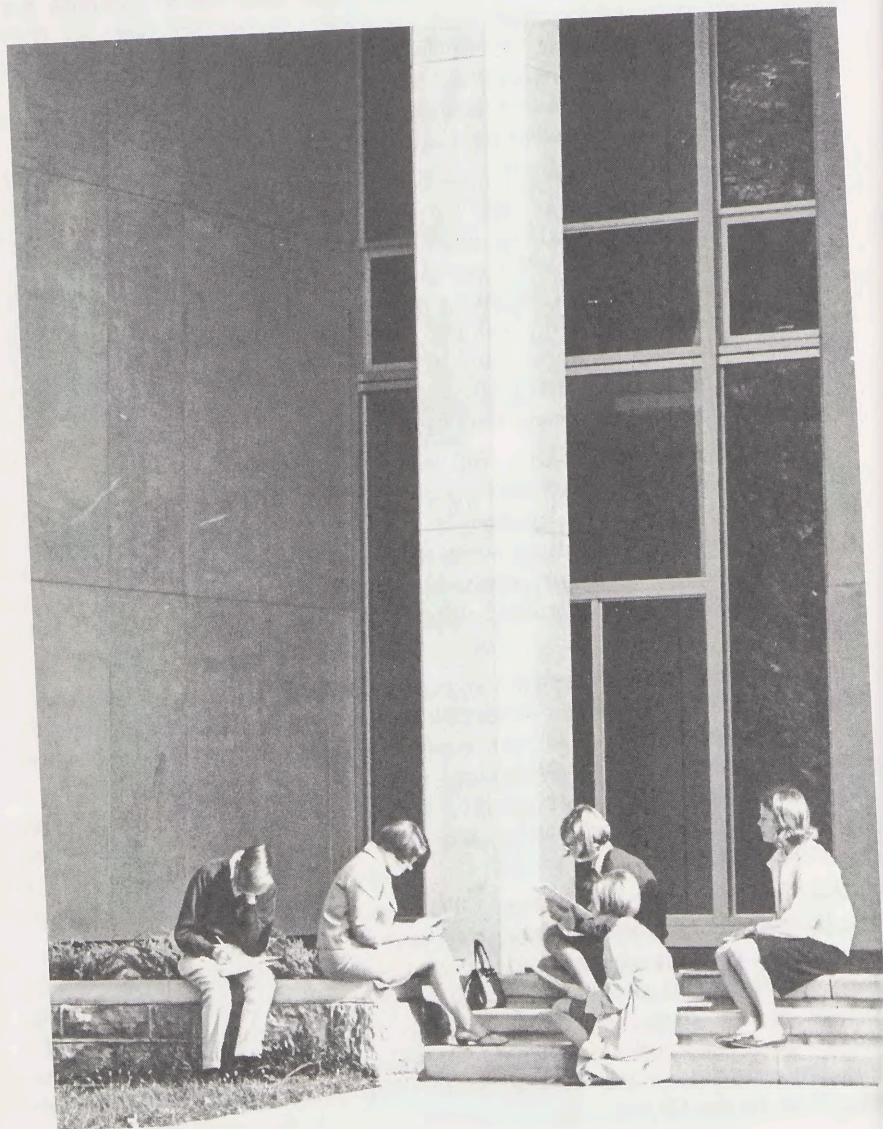
If a borrower becomes a full-time teacher in an elementary or secondary school or in an institution of higher education, as much as half of the loan may be forgiven at the rate of 10 per cent for each year of teaching service. Borrowers who elect to teach in certain eligible schools located in areas of primarily low-income families may qualify for cancellation of their entire obligation at the rate of 15 per cent per year.

The colleges and universities approve and make the loans and are responsible for collections. Repayment may be deferred up to a total of three years while a borrower is serving in the Armed Forces, with the Peace Corps, or as a Volunteer in Service to America (VISTA). Repayment is deferred for as long as a borrower is enrolled at an institution of higher education and is carrying at least a half-time academic work load.

All applicants for the National Defense Student Loan must submit the Parents' Confidential Statement from the College Scholarship Service in support of their application for this assistance. The Parents' Confidential Statement should be submitted in advance of the date of approval of the loan. This form may be obtained from the secondary school guidance counselor; the Madison College Director of Admissions and Student Aid; or the College Scholarship Service, Box 176, Princeton, New Jersey 08540.

APPLICATION PROCEDURE

Students desiring to apply for a Prorated Summer State Teachers' Scholarship or Student Employment, or wishing to borrow from the loan fund, may obtain an application blank from the Office of Admissions and Student Aid, Madison College. An average of 2.00 is required of upperclassmen at Madison College to be eligible for financial aid. (Exception—Dining Hall Service.) These applications should be filed as early as possible.



STUDENT LIFE

LIVING ACCOMMODATIONS

WOMEN STUDENTS

During the Summer Session most students are assigned to double rooms. A limited number of single rooms are available at additional cost. All rooms in Hoffman Hall are doubles.

MEN STUDENTS

Single and double rooms are available for graduate and undergraduate men in Shorts Hall. Undergraduates are encouraged to live in the residence hall. Private rooming accommodations may be obtained in Harrisonburg. Students living off-campus may arrange to take meals in the College Dining Hall. *Undergraduate male resident students are subject to the Automobile Regulations.* Further details may be found in the Student Handbook.

MATURE STUDENTS

Mature students are granted special privileges by the Faculty of the college which allow greater freedom. Such students are assigned, whenever practicable, to separate residence halls or areas within the hall.

FAMILIES

Madison College has discontinued the housing of husbands, wives, and children of students in college housing. Summer session students who desire housing for members of their families should seek housing in the Harrisonburg community. Some assistance may be provided by the Office of the Director of Housing and inquiries may be directed to this office.

OVERNIGHT GUESTS

A student is not permitted to have overnight guests, including members of his or her family, in the residence halls except by permission of the Dean of Men or Dean of Women. Arrangements and payment of fees must be made in advance.

MEDICAL SERVICE

A medical history and a report of a medical examination must be submitted by all freshmen and transfer students on forms provided by the college. A student who is re-entering the college as a third year

student is also expected to submit a report of a medical examination on forms provided by the college.

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

FOOD SERVICE

Gibbons Hall includes dining rooms where meals are served cafeteria style at regularly scheduled hours.

The College Snack Shop is also located in Gibbons Hall.

STUDENT ACTIVITIES AND RECREATION

As far as possible the student activities of the Regular Session are carried on during the Summer Session. Sports and other recreational activities are provided. Every student is encouraged to participate.

A full length film will be shown each Saturday evening.

A Lyceum series of lectures and concerts is provided by the college.

A distinctive feature of the Summer Session at Madison is the use of the College Camp on the Shenandoah River. A farm near Port Republic has been converted into a camp where students in large groups may go for picnics or overnight trips.

GOVERNMENT OF STUDENTS

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

Every student is required to conform to the rules and regulations of the student government and college authorities. These are set forth in detail in the College Catalogue and the Student Handbook. The College expects those admitted to the Summer School to assume responsibility for knowing and abiding by these regulations.

HONOR SYSTEM

The Honor Council, elected by the students, works with the student governments and the Faculty Judiciary Committee of the College to promote honorable behavior in all phases of student life.

The jurisdiction of the Honor Council shall extend to cases involving cheating, lying, stealing, or failure to report one of the above breaches

of honor. Honor Council jurisdiction does not extend to violations of administrative and social regulations unless they involve cheating, lying, stealing, or failure to report a breach of honor. Details of the Honor System are found in the Student Handbook.

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

AUTOMOBILE REGULATIONS

The privilege of having an automobile while a student is limited to:

1. Any senior with a cumulative grade point average of 2.25 or above.
2. Juniors with a cumulative average of 2.50 or above.
3. Sophomores with a cumulative average of 3.0 or above.
4. Students who secure special permission in advance from the Dean of Student Services through the Dean of Men or Dean of Women.
5. Any day student or graduate student may have a car.

Automobiles not registered during the 1969-70 regular session must be registered with the Office of the Director of Buildings and Grounds during class registration. A parking fee of \$7.50 for resident students and \$2.50 for day students must be paid at that time. The Madison College parking decal issued when the car is registered must be displayed within 24 hours.

A resident student may bring a car to be used only for transportation to and from home beginning of the summer session provided it is taken home the following week-end. A car to be used only for transportation home may be brought to the campus the last week end before the end of the summer session. Such cars need not be registered.

Further information concerning the use of automobiles is found in the Student Handbook.

ANNOUNCEMENTS

MINIMUM CLASS SIZE

The College reserves the right to withdraw any class, in which there are fewer than eight students enrolled.

REQUIREMENT OF PROFICIENCY IN ENGLISH

In order to insure the continuous use of good English a proficiency examination in English is required of all students in their junior year.

The successful completion of this examination is a prerequisite to graduation. (See Summer Sesssion Calendar)

POST OFFICE BOXES

All students will be assigned a post office box at the College. However, the student is responsible for making the arrangement with the College post office.

COLLEGE BOOKSTORE

The College maintains a College Bookstore, located temporarily in the Gibbons Dining Hall, where students may obtain textbooks, stationery, classroom materials, equipment, and other miscellaneous supplies. The Bookstore operates on a cash basis. Bookstore hours are: Monday-Friday 8:00 a.m.-12:00 noon and 1:00 p.m.-4:00 p.m.

LIBRARY

Library hours for the 1970 Summer Session are as follows:

Monday-Thursday	7:50 a.m.-11:00 p.m.
Friday	7:50 a.m.-10:00 p.m.
Saturday	7:50 a.m.- 5:00 p.m.
Sunday	6:00 p.m.-11:00 p.m.

STUDY LAMPS

The College does not provide desk lamps. Facilities are available for their use, however, but they must be supplied by the individual.

BED LINEN

Bed linen is furnished by the College. Bath towel and face towels are not supplied.

PETS

No pets are permitted on the campus.

STUDENT IDENTIFICATION CARD

Identification cards are required for the loan of library materials, cashing of checks, and admission to meals. Specific instructions for obtaining these cards will be available at the time of registration.

ACADEMIC REGULATIONS

ACADEMIC STATUS

The Provost serves as executive officer in all matters of academic status. All proposed exceptional programs of study and exceptions to degree requirements must be presented to the Assistant Provost who acts for the Provost in matters of this kind. Exceptional programs of classes and exceptions to degree requirements are not permitted without the approval of the Assistant Provost. The Provost or Assistant Provost also makes the decisions concerning all questions about the evaluation of credits. Summer session students are subject to all the academic rules and regulations as printed in the 1969-70 regular session catalog.

CLASSIFICATION

A student is classified as freshman, sophomore, junior, or senior on the basis of work accomplished either at Madison or at other colleges from which he has transferred. The classification depends on the number of semester hours of credit he has received and on his quality rating.

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

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

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

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

UNDERGRADUATE GRADING SYSTEM

The College keeps a complete record of each student's work and sends a grade report to the parent or guardian at the end of each semester.

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

“A” indicates superior achievement.

“B” indicates independence of work and high grade accuracy of knowledge.

“C” indicates average achievement.

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

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

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

"W" indicates that the student has withdrawn from the course, with the permission of the Assistant Provost of the College, and that at the time of withdrawal his grade was "D" or above. If a student drops a course in which his work is below "D" at the time of withdrawal, the grade in that course will be recorded as an "F." After the end of the third week of classes for eight-week courses one and one-half weeks for four-week courses no student may withdraw from a course without receiving a grade of "F" unless the withdrawal results from extenuating circumstances beyond the student's control and is approved by the Assistant Provost of the College. All withdrawals must be approved by the student's adviser and the Assistant Provost and must be submitted to the Registrar promptly.

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

QUALITY RATING SYSTEM

Quality point averages are computed for undergraduate students only. Quality points are assigned per semester hour of credit as follows: A grade of "A" is assigned 4 quality points; "B", 3 quality points; "C", 2 quality points; and "D", 1 quality point. (Thus a grade of "B" in a course bearing 3 semester hours of credit would be assigned 9 quality points; and a grade of "C" in that course, 6 quality points.) No quality points will be allowed for an "E" which is removed by an examination or otherwise—except by the repetition of the course. With the approval of the head of the department, courses may be repeated to increase the number of quality points.

The scholarship index is computed by dividing the number of quality points by the number of semester hours attempted. Thus, if a student takes 16 semester hours of work and earns 40 quality points his scholarship index is 2.50. *Only courses taken at Madison are used in computing the scholarship index.*

To enroll in Ed. 359, 360, 369, and 370, or other junior courses prerequisite to student teaching, a student must have a scholarship

index of 2.00. A scholarship index of 2.00 is required for students who enroll in Ed. 480, Directed Teaching.

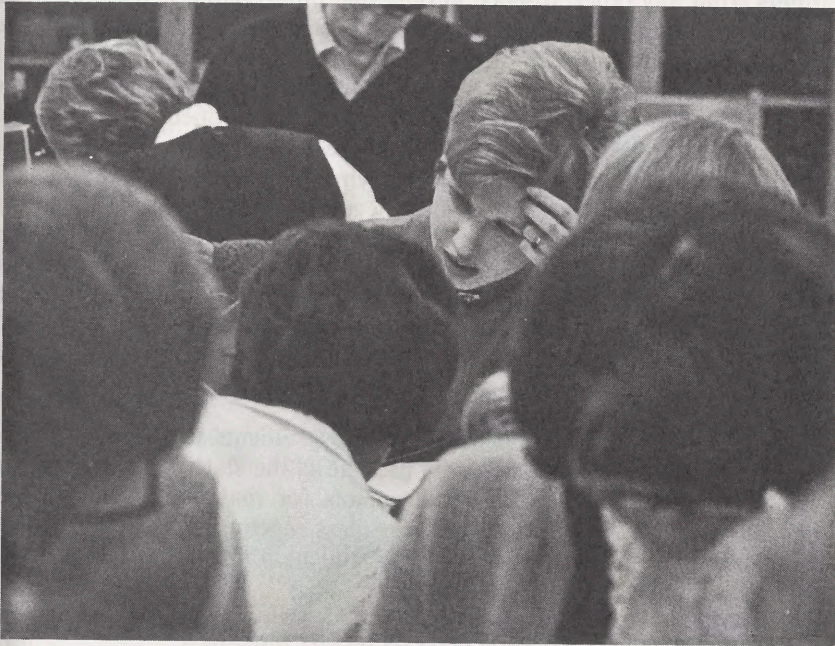
GRADUATE GRADING SYSTEM

The following grades are given in graduate courses solely on the basis of scholarly achievement: A = Excellent; B+ = Good; B = Satisfactory; C = Passing; F = Failure; I = Incomplete; W = Withdrawal. Graduate students must receive a grade of "B" or higher in courses to receive graduate credit applicable to their degree program.

A student who has been admitted to the Graduate Program at Madison College is automatically placed on probation if he receives a grade of "C" in any two courses. Probation is a warning that achievement is not satisfactory. A student will be dropped from a degree program if he receives an "F" on any graduate course or if he receives the grade of "C" on three graduate courses.

The grade of "I" (Incomplete) may be given in a course when, because of extenuating circumstances, the requirements of the course have not been completed. The incomplete grade in a lecture course must be removed during the following semester of residence.

The grade of "W" indicates that the student has withdrawn from the course with the permission of the Provost.



CLASS ATTENDANCE

The attendance policy of Madison College has two parts, one for first semester freshmen, and one for attendance of all other students. The separate provision for first semester freshmen is designed to help them to make a successful adjustment to college study.

FIRST SEMESTER FRESHMEN

First semester freshmen are permitted only one absence from any course. Any subsequent absence will be reported to the Dean of the School.

THE GENERAL POLICY

Responsibility for class attendance is specifically that of each student, who is expected to attend classes regularly and punctually. Students should realize that class participation is a valuable experience and that the worth of this academic experience cannot be measured by papers and tests alone. It is assumed that students are sufficiently mature to appreciate the value of regular class attendance and to recognize the consequences of failure to attend.

Absences for certain reasons may be certified. A certified absence differs from any other absence in only one point; namely, for a certified absence the student must be permitted to make up any test, quiz, or the like, which is used in computing grades for the course. For any other absence, permission to make up work missed is at the discretion of the faculty member. Absences due to illness may be certified by the College Physician. Students who become ill while at home or away from the college should obtain a statement verifying the illness from the attending physician and present it to the College Physician for his certification. Absences caused by death or serious illness in the immediate family and those due to religious holidays and emergencies may be certified by the Dean of Women for women students and by the Dean of Men for men students. Absences caused by representing the college in an organized activity approved by the Head of the Department and the Provost will be certified.

Certified absences should be brought by students to the attention of the instructors of classes missed by presenting the statements of certification. Students should make arrangements for make-up work prior to an anticipated absence or by the first class meeting after being absent. Unnecessary delay on the part of the student forfeits the right for this make-up privilege.

Attendance will be checked daily by faculty members.

Grades are determined by the quality of work done by the students in fulfilling the requirements of the course.

ACADEMIC PROBATION

All students with a cumulative average of less than 2.0 are on academic probation. This regulation will become effective for each new student at the beginning of the second semester of his first year here. Scholastic averages will be computed at the end of each semester and at the end of the Summer Session at which time revised lists of names of students on academic probation will be distributed to the faculty.

CHANGE OF COURSES

After the student has completed his class schedule and has registered, no class may be dropped, no additions made, and no transfer to other sections made—without the approval of his adviser and the Assistant Provost. In the Summer Session, such changes must be made before the third meeting of classes. After this time a class may not be added.

A fee of \$5.00 will be charged to those students who change schedules after registration. Any waiver of this fee must have the approval of the Assistant Provost.

STUDENT LOAD

The normal load for students in the Summer Session is nine semester hours of credit. The maximum number of semester hours permitted is ten.

WITHDRAWAL

Withdrawal is the complete severance of the student's relation with the Summer Session before the end of the term for which he is registered. If a student finds it necessary to withdraw from the Summer Session, he must go to the Office of the Dean of Women or Dean of Men and fill out an application for withdrawal card. If an emergency prevents the student from attending to this before leaving the College, he should notify the Dean of Women or Dean of Men by letter and request a withdrawal card, fill it out and return it as soon as possible. Promptness is important, as the date on which the withdrawal card is received is used in determining the amount, if any, of refund due the student.

Formal withdrawal is necessary in order to maintain the "Good Standing" status of the student on his record.

Withdrawal from College should not be confused with dropping a course.

CREDIT FOR EXTENSION COURSES

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

AUDITORS

Students who are enrolled in courses as auditors will not be permitted to change their registration from audit to credit after termination of the period which is designated for schedule adjustments.

STUDENT DEBTS OWED TO THE COLLEGE

The regulations of Madison College strictly require (1) that no credit for college work may be given to any student for a diploma, or a teacher's certificate, or for transfer purposes, until all debts to the College, other than student loans, have been paid; (2) that students will not be eligible to take examinations unless accounts are paid in full for the current semester or a satisfactory plan to pay the balance has been arranged with the Business Manager; and (3) that upon recommendation of the Business Manager and with the approval of the Provost, students who are deficient in their accounts may be restricted from attending classes until satisfactory arrangements have been made for payment of their past due obligations to the College.



SPECIAL PROGRAMS AND WORKSHOPS

Study Abroad Program, (July 1-August 11)

Credit may be earned in Social Sciences (History, Political Science, etc.), Education (Early Childhood), and Humanities (Art, Music), depending on needs and background of course applicants. Students who plan to take courses for credit in the above areas should consult respective department heads in order to develop project outlines in cooperation with a staff member designated.

A tour of European cultural centers conducted by Helen Ininger of the Music faculty will include England, Germany, Switzerland, Austria, Italy and France.

Open to auditors, transfer students, students from other colleges and teachers renewing teaching certificates. Approximate cost: \$990 plus tuition, fees and incidentals.

Music, Virginia Music Camp at Massanetta Springs, (June 15-19, 1 or 2 semester hours credit).

A camp for high school students and a workshop for teachers. The program includes a Festival Chorus, a Junior Chorus, and an Orchestra. In addition, there are daily sessions in music for the elementary school.

Graduate students may earn 2 credit hours by pursuing a two week program, one week of which is spent at Massanetta Springs and one week at Madison College.

SPEECH, *Shenandoah Valley High School Forensic Institute*, (July 19-August 8, no credit).

Students will be trained in oratory, extemporaneous speaking, impromptu speaking, interpretative reading, debate and all aspects of theatre.

SPEECH 505C, *Technical Theatre Production*, (June 29-August 8, 3 semester hours credit).

A course designed for teachers and other interested persons in the organization, presentation, and direction of a theatre program. This course will be taught in conjunction with the development and presentation of a summer theatre production. College students and members of the community are invited to participate in this production.

Courses of Interest to Classroom Teachers

Several courses to be offered during the three-week session (June 10-30) will be of specific interest to public school personnel. Educa-

tion 530, Teaching Mathematics in the Elementary School; Education 501, Workshop in Educational Television; Education 612, Advanced Curriculum Theory in Early Childhood Education; and Education 650, Supervision, will be offered for the three weeks period.

EDUCATION 538, Teaching the Social Studies in the Secondary School, will be offered during the six-week session (July 1-August 13) and will be of specific interest to secondary school teachers. Also, Education 502, The Elementary School Reading Program, will be offered during the six weeks session.

The Anthony-Seeger Campus School offers a summer session program for Kindergarten (with previous Nursery School or Kindergarten training) and grades one through six, beginning June 17.

Parents interested in enrolling their children should write for an application from the Director of the Anthony-Seeger Campus School, Madison College, Harrisonburg, Virginia 22801, by May 15.

Classes meet from 8:30 a.m. to noon, Monday through Friday. Only children who plan to attend the entire eight weeks of summer school should be enrolled.

ART 501, *Workshops in Art*, (June 17-July 2, 1 semester hour credit).

Concentrated workshops which include painting, drawing, sculpture, printmaking and watercolor. Designed to update and strengthen art skills of practicing teachers.

BUSINESS EDUCATION 510A, *Workshop in New Curriculum Patterns*, (June 21-26, 2 semester hours credit).

A workshop in preparing new curriculum patterns for office occupations education block-time programs.

BUSINESS EDUCATION 510B, *Workshop in New Curriculum Patterns*, (August 2-7, 2 semester hours credit).

A workshop in preparing new curriculum patterns for office occupations education block-time programs. Participants must be approved by Business Education Service, State Department of Education, for this reimbursable program.

BUSINESS EDUCATION 510C, *Workshop in Data Processing*, (August 4-7, 1 semester hour credit).

A workshop in preparing materials for the teaching of data processing in the high school. Participants must be approved by Business Education Service, State Department of Education, for this reimbursable program.

SCIENCE 512, *Natural Resources Conservation*, (June 17-July 8, 3 semester hours credit).

The Resource-Use Education Council of Virginia will sponsor a three-week course in conservation for Virginia school teachers and other interested individuals. A limited number of scholarships to cover tuition, meals, and lodging will be available to Virginia school teachers from funds provided by several interested organizations. All Virginia school teachers are eligible to apply. For additional information, write to Assistant Provost, Madison College, Harrisonburg, Virginia 22801.

HISTORY 501, *Workshop in Colonial American History*, (June 10-30, 3 semester hours credit).

A comparative study of social and cultural life in 18th century Virginia and Massachusetts. The course will involve lectures, demonstrations, and a week in Colonial Williamsburg.

Enrollment is limited to sixteen students. To cover expenses for the trip, a special non-refundable fee of fifty dollars (\$50) must be paid *in advance* to the Head of the Department of History. Students must be registered by June 1.

HOME ECONOMICS 590D, *Occupational Workshop—Child Care*, (June 22-26, 1 semester hour credit).

HOME ECONOMICS 590G, *Occupational Workshop—Home Furnishings*, (June 29-July 3, 1 semester hour credit).

Home Economics courses designed to help Home Economics teachers plan courses in vocational occupations.

HOME ECONOMICS 590E, *Seminar in Dietetics—Food and Its Relation to Health*, (June 15-19, 1 semester hour credit).

HOME ECONOMICS 590F, *Seminar in Dietetics—Nutrition Education*, (August 3-7, 1 semester hour credit).

HOME ECONOMICS 590I, *Seminar in Dietetics—Geriatric Nutrition*, (July 27-31, 1 semester hour credit).

HOME ECONOMICS 590H, *Money Management Education*, (July 20-24, 1 semester hour credit).

Home Economics course designed for teachers, extension home economists, and others working with family financial planning.

HEALTH 540, *The Teaching of Sex Education*, (June 10-19, 3 semester hours credit).

A study of the development of sexuality through its physiological, social and emotional aspects. A variety of methods and materials available to elementary and secondary school teachers will be utilized.

PHYSICAL EDUCATION 545, *New Developments in Physical Education in Elementary Schools*, (June 20-30, 3 semester hours credit).

Movement in education with special emphasis on the development of sequential movement experiences, advanced techniques and creative methods of teaching kindergarten through elementary schools.

PHYSICAL EDUCATION 550, *New Developments in Physical Education in Secondary Schools*, (June 20-30, 3 semester hours credit).

Movement in education with special emphasis on the development of sequential movement experiences, advanced techniques and creative methods of teaching in the junior and senior high schools.

ENGLISH 572, *Contemporary Approaches to Grammar*, (June 17-July 14, 3 semester hours credit).

Designed for teachers who desire to familiarize themselves with the basic ideas and procedures in the various approaches to the "New English."

LATIN 458, *Classical Civilization*, (June 17-July 8, 3 semester hours credit).

A historical survey of the literature, ideas, art, cultural background and attitudes toward life reflected in Greek and Roman civilization. All reading will be in English. This workshop is recommended not only to teachers of Latin, but also to teachers of English and History, and to the general public.

FOREIGN LANGUAGE 550, *Teaching of Foreign Languages*, (June 17-July 14, 3 semester hours credit).

Designed to provide teachers with new methods in the teaching of Foreign Languages.

FRENCH 105-106, *Special Elementary French*, (105, 1st four weeks, 106, 2nd four weeks, 3 semester hours credit).

A concentrated reading course in French designed for students without a previous knowledge in French, who intend to fulfill graduate school reading requirements or for French students who desire to improve their reading skill.

EDUCATION 501, *Workshop in Educational Television*, (June 10-30, 3 semester hours credit).

Workshop type experience will explore the role of television and the implications of this medium for education.

EDUCATION 530, *Teaching Mathematics in the Elementary School*,
(June 10-30, 3 semester hours credit).

Designed to give the elementary school teacher an opportunity to study methods and materials for teaching the new mathematics.

EDUCATION 538, *Teaching the Social Studies in the Secondary School*,
(July 1-August 13, 3 semester hours credit).

Teachers deal with problems and issues in secondary school social studies instruction.

EDUCATION 650, *Supervision of Instruction*, (June 10-30, 3 semester hours credit).

Concerns the basic principles of effective public school supervision.



COURSES OF INSTRUCTION

Explanatory Notes

The 1970 Summer Session courses and descriptions are listed on the following pages alphabetically by departments. Wherever the term credits is used in course descriptions, it refers to semester hour credits.

To determine if a particular course is offered consult the courses listed by department.

To determine the time (period), location, instructor, and dates for courses consult the schedule of courses listed in the last portion of this catalog.

Course numbers are used to designate the following:

Courses numbered **100-199** are intended for freshmen

Courses numbered **200-299** are intended for sophomores

Courses numbered **300-399** are intended for juniors

Courses numbered **400-499** are intended for seniors

Courses numbered **500-599** are for advanced undergraduate and graduate students

Courses numbered **600-699** are exclusively for graduate students

ART

MR. DILLER, *Head of the Department*

ART 122. *Metal and Jewelry*. Two periods daily; three credits.

An exploration of techniques necessary to execute well-designed objects in metals including forming, repousse, stone setting, metal finishing, enameling and centrifugal casting.

ART 150. *Drawing*. Two periods daily; three credits.

An introductory course composed of problems in landscape, perspective, figure and still-life in several media.

ART 160. *Introductory Painting*. Two periods daily; three credits.

For students who have had some experience in drawing. Registration by permission of the instructor.

ART 200. *Art in General Culture*. One period daily; three credits.

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

ART 255 *Photography*. Two periods daily; three credits.

Creative design through the use of photography with emphasis on understanding materials and techniques. Prerequisite: Art 140 or permission of instructor.

(Student must provide a fully manual camera for 35mm, 2¼, 620, or 127 film size; and a light meter which may be built into the camera or separate. Additional costs for materials in this class will be approximately \$20.00.)

ART 310. *Art Activities in the Elementary School*. Two single and three double periods a week; three credits.

A study of the aims and philosophy of art education in the elementary school with emphasis on child growth and development through experiencing art. *Prerequisites: Art 200, Psy. 233-234.*

ART 360. *Painting*. Two periods daily; three credits.

Oil painting and other media with creative and aesthetic considerations of picture structure. *Prerequisites: Art 150, Art 244.*

ART 405. *Art History; Modern Art.* One period daily; three credits.

A survey of art forms and philosophy from the middle of the nineteenth century to the present.

ART 460. *Painting.* Two periods daily; three credits.

Advanced problems in media selected by the student with the advice of the instructor. *Prerequisite: Art 360.*

ART 501. *Workshops in Art.* Summer Only. Each area three hours daily for two weeks; one credit each area.

Concentrated workshops, accompanied by lecture and discussion periods, selected from such areas as painting, sculpture, printmaking, ceramics, art education, photography, and crafts. This course is particularly designed to update and strengthen art skills of practicing teachers.

ART 526. *Advanced Jewelry and Metalwork.* Two periods daily; three-four credits.

Studio projects in the metal arts. The student may elect to widen his experience in these craft areas, or to specialize in one or two of them. Emphasis is on high quality of craftsmanship and design. *Prerequisite: Art 122 or equivalent.*

ART 530. *Sculpture.* Two periods daily; three-six credits.

Advanced sculptural projects with choices from a wide range of materials and techniques including welding, casting, wood and metal construction, wood and stone carving, and others. *Prerequisite: Art 235 or equivalent.*

ART 550. *Graphics.* Two periods daily; three-four credits.

Problems in printmaking chosen from intaglio processes such as etching and engraving, and from woodcut, serigraphy, and lithography. *Prerequisite: Art 354 (or equivalent).*

ART 560. *Drawing and Painting.* Two periods daily; three-six credits.

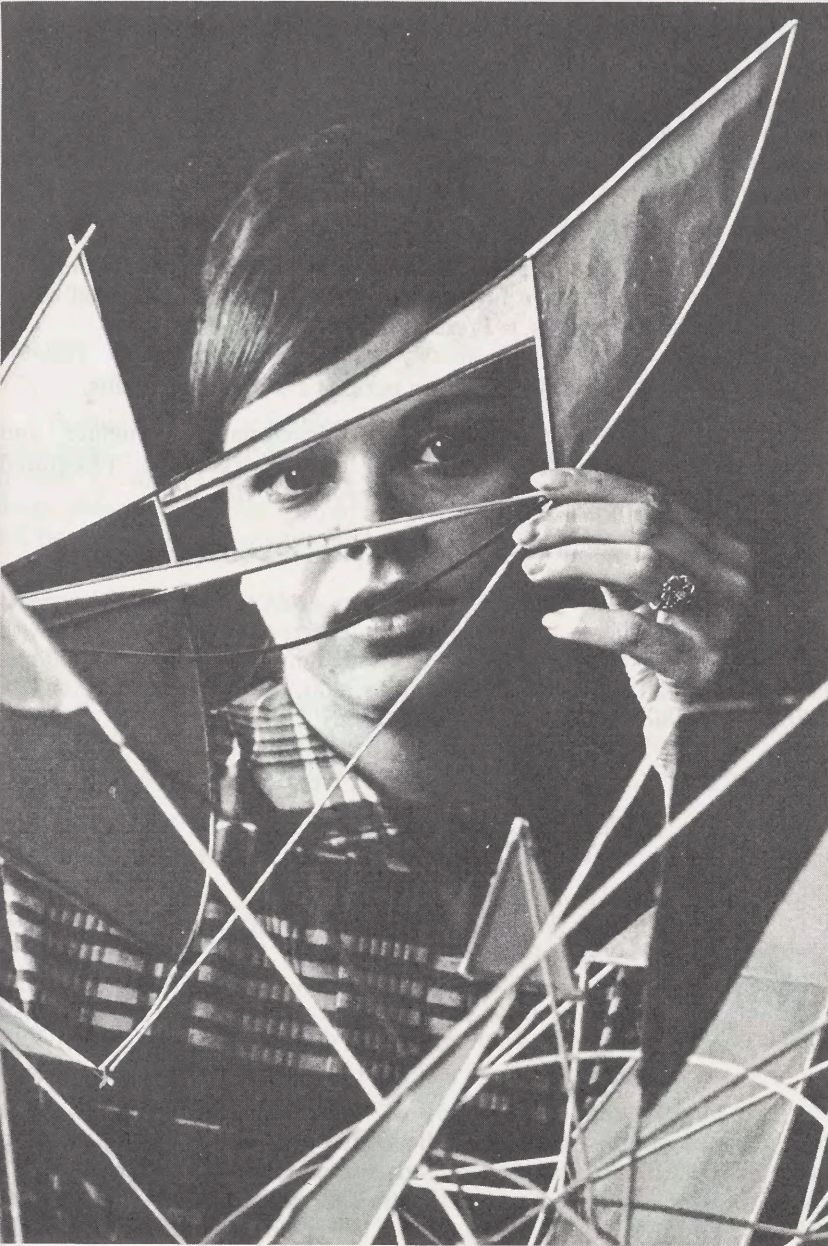
Studio work aimed towards the development of the student's individual expressive means. The student may choose from a wide variety of media. *Prerequisites: Art 244, Art 360 or equivalent.*

ART 630. *Sculpture.* Two periods daily; three-six credits.

Individual problems in sculpture. Special consideration will be given to the relation between the sculptural work of art and its environmental setting. *Prerequisite: Art 530.*

ART 660. *Drawing and Painting*. Two periods daily; three-six credits.

Individual studio problems stressing the relation between pictorial organization and the demands of expression. Media will be chosen by the student in consultation with the instructor. *Prerequisite: Art 560.*



BIOLOGY

DR. DAVIS, *Head of the Department*

BIOLOGY 110. *General Biology.* Ten periods a week; four credits.

A beginning course which stresses the fundamental concepts of life. Consideration is given to the organization and functions of living organisms at the molecular, cellular, tissue, organ, systemic, and organismal levels. The principles of genetics are introduced. (Required of all students.)

BIOLOGY 120. *General Zoology.* Ten periods a week; four credits.

A survey of the animal kingdom. The structure, function, and taxonomy of representative forms will be emphasized. (Required of all biology majors and minors.) *Prerequisite: Bio. 110.*

BIOLOGY 130. *General Botany.* Ten periods a week; four credits.

A course involving a study of the development, structure, and function of plants, and their relationship to other organisms. (Required of all biology majors and minors.) *Prerequisite: Bio. 110.*

BIOLOGY 230. *General Ecology.* Seven periods a week; three credits.

A study of basic ecological principles and concepts of the abiotic and biotic components of fresh-water and terrestrial environments with emphasis on the nature of ecosystems, communities, and populations. (Required of all majors.) *Prerequisites: Bio. 110, Bio. 120, and Bio. 130; one of which may be taken concurrently.*

BIOLOGY 280. *General Microbiology.* Five double periods a week; four credits.

Designed to give the student a general understanding and appreciation of bacteria and related fungi. (This is a basic course for pre-nursing, home economics, and pre-medical technology students, and may be used as an elective by students in other programs.) *Prerequisite: Bio. 110.*

BIOLOGY 290N. *Human Anatomy.* Five double periods a week; four credits.

An introduction to the study of human anatomy with emphasis on the microscopic structures of the body. The first part of the course deals with the basic plan of the body systems; the second part of the course consists of dissection of the human cadaver with emphasis on the regional approach. Charts, models, three-dimensional slides of dis-

sected cadavers, and the human cadaver are used in the laboratory. (Designed for nursing students of Rockingham Memorial Hospital; however, a limited number of non-nursing students may be admitted.)

BIOLOGY 320. *Comparative Anatomy of Vertebrates.* Five double periods a week; four credits.

An integrated course designed to present gross anatomy and embryonic development of vertebrate organ systems in a comparative method. *Prerequisites: Bio. 110-120.*

BIOLOGY 330. *Genetics.* Ten periods a week; four credits.

A study of the major principles of biological inheritance through class discussions and laboratory experiments. (Required of all majors in biology.)

BIOLOGY 360. *Biological Instrumentation.* Seven periods a week; three credits.

A study of the principles and techniques in the use of laboratory equipment and apparatus. Practical laboratory application will be applied to such equipment as the Gilson respirometer, colorimeters, electrophoresis, chromatography, and the radiation counter. Some work will be done in blood analysis and urinalysis.

BIOLOGY 510. *Animal Ecology.* Seven periods a week; three credits.

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

BIOLOGY 516. *Vertebrate Embryology.* Ten periods a week; four credits.

An introduction to the comparative developmental anatomy of the vertebrates, including the human. (Recommended for students who are majoring or minoring in biology, students preparing to teach, and for students preparing for medicine, medical technology, or nursing.) *Prerequisite: Bio. 110-120.*

BIOLOGY 670. *Developmental Anatomy of Higher Plants.* Ten periods a week; four credits.

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

BIOLOGY 685. *Taxonomy of Spermatophytes.* Seven periods a week; three credits.

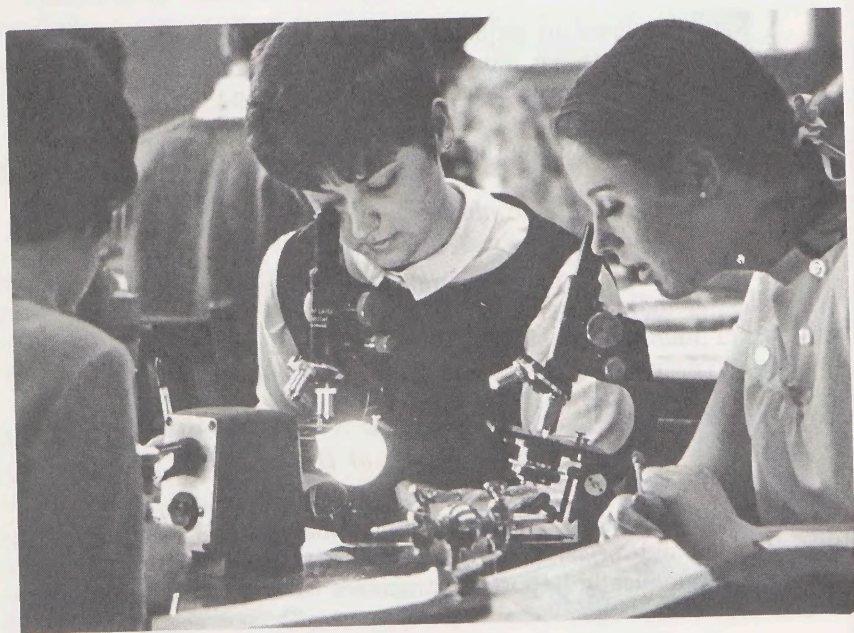
A study of identification, nomenclature, and classification of seed plants with emphasis on field investigation. Major consideration is given to the native flora of the State. Plant systematics and ecological relationships are stressed. *Prerequisite: Bio. 130 or consent of instructor.*

BIOLOGY 690. *Insect Ecology.* Ten periods a week; four credits.

The environmental relations of insects, including insect development, habits, distribution, and abundance. Emphasis will be placed on field studies.

BIOLOGY 700. *Thesis.* Six credits.

A thesis in the major field of interest and completed to the satisfaction of the student's adviser and the Graduate Council may be submitted in partial fulfillment of the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. The student's adviser must recommend the thesis subject and outline to the Graduate Council for approval prior to the start of the research program. The thesis must be completed one month before the time graduation to assure the adviser of its acceptability.



BUSINESS ADMINISTRATION AND ECONOMICS

DR. MACE, *Head of the Department*

BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION 280. *Principles of Management*. Daily; three credits.

Designed to present principles in the areas of business management, decision processes, management functions, business resources and government.

BUSINESS ADMINISTRATION 487. *Marketing*. Daily; three credits.

Deals with the fundamentals of the marketing process: functions, institutions, channels of distribution of goods and services from producer to consumer.

BUSINESS ADMINISTRATION 489. *Personnel Administration*. Daily; three credits.

A study of employer-employee relationships in business and industry including personnel policies and methods, selection, placement, training, and promotion of employees, and recent trends in employment practices.

ECONOMICS

ECONOMICS 220A. *Survey of Economics*. Daily; three credits.

A one semester course in Economics designed to meet the Virginia state requirements for the study of Economics by elementary education majors. Introduces the concepts and broad economics principles of national income, fiscal policy and monetary policy of the United States economy. Reviews the economic objectives and impact of labor unions and of competition and monopoly; examines economics of full employment policies and international trade policies. Also reviews the broad economic principles of supply, demand and price and the economy of the firm.

ECONOMICS 230-235. *Principles of Economics*. Daily; three credits for each course.

Together these courses provide a two semester six hour course of study as prerequisite for all other Economics courses except Economics 220 Survey of Economics. The courses provide a study of the principles of the functioning of the economy, the operation of the forces of supply, demand, economic distribution, public and private finance, national income, monetary policy, economic growth, and devel-

opment, monopolistic competition, welfare economics and the economics of international trade.

ECONOMICS 501. *Economics Seminar: Industry-in-Action*. Daily; (first three weeks); three credits.

This course is designed to highlight the American free enterprise system. Students will participate in a four-day field trip to examine how our economic system operates at the production level. Lectures and demonstrations in the field will include visits to major representative industrial plants.

(This program is limited to fifteen students. On account of the field trip, a special non-refundable fee of thirty-five dollars (\$35.00) must be paid in advance.)

ECONOMICS 510. *Economics Seminar: Government and Business*. Monday and Wednesday 7:00-9:30 p.m.; three credits.

This course is organized to place emphasis on government regulations of business in the United States and competing countries. Students will examine the historical development of regulation, consider its contemporary scope and discuss its philosophical and economic basis.

BUSINESS EDUCATION

DR. DICKERSON, *Head of the Department*

BUSINESS EDUCATION 510A. *Workshop in New Curriculum Patterns.*
Two credits. June 21-26.

A workshop in preparing new curriculum patterns for office occupations education block-time programs.

BUSINESS EDUCATION 510B. *Workshop in New Curriculum Patterns.*
Two credits. August 2-7.

A workshop in preparing new curriculum patterns for office occupations education block-time programs. Participants must be approved by Business Education Service, State Department of Education, for this reimbursable program.

BUSINESS EDUCATION 510C. *Workshop in Data Processing.* One credit. August 4-7.

A workshop in preparing materials for the teaching of data processing in the high school. Participants must be approved by Business Education Service, State Department of Education, for this reimbursable program.

BUSINESS EDUCATION 520. *Advanced Studies in the Basic Business Subjects.* Daily; three credits.

Advanced studies for the improvement of teaching of General Business, Business Law, Economics, and related areas. Emphasis is placed on General Business.

BUSINESS EDUCATION 530. *Advanced Studies in Business Machines.*
Daily; (first-four weeks); three credits.

Advanced studies for the improvement of the teaching of business machines. Practical experience on calculating, duplicating, secretarial, and other modern office equipment is an essential part of the course.

BUSINESS EDUCATION 540. *Seminar in Automated Data Processing Systems.* Daily; (first-four weeks); three credits.

A course in the basic understanding of data processing, including extensive readings in the entire field. Laboratory emphasis on the operation of a unit record installation.

BUSINESS EDUCATION 600. *Curriculum Construction in Business Education.* Daily; (second-four weeks); three credits.

Analysis of new curriculum patterns and the development of materials for use in the block-time program.

BUSINESS EDUCATION 610. *Problems in Business Education*. Daily; (second four weeks); three credits.

Consideration of individual problems in business. Topics such as programmed instruction, closed-circuit television, automated teaching media, and use of vocational funds are covered.

BUSINESS EDUCATION 640. *Seminar in Computer Systems*. Daily; (second-four weeks); three credits.

A course in the basic understandings of computer installations and systems, including all forms of input and output, capabilities of different central processing units, and languages for computers. Experience in program writing and hands-on operation of a business computer. *Prerequisite: Bus. Ed. 340 or equivalent.*

BUSINESS EDUCATION 680. *Reading and Research*. Three credits.

Examination of approved research procedures for business education. Preparation of reports from assigned field problems applied to various research techniques. *Reading and Research* may be done only in the major field of study.

BUSINESS EDUCATION 700. *Thesis*. Six credits.

A thesis may be submitted in partial fulfillment of the requirements for the Master's degree. It must be research on a subject in the major field of interest and completed to the satisfaction of the student's adviser and Graduate Council. If a thesis is elected, B.E. 680 will not be taken. (See the Graduate Bulletin for details).

CHEMISTRY

DR. CHAPPELL, *Head of the Department*

CHEMISTRY 101. *General Chemistry*. Twelve single and four double periods a week (first four weeks); four credits.

A course in fundamental chemical principles based on modern concepts of matter.

CHEMISTRY 102. *General Chemistry*. Twelve single and four double periods a week (second four weeks); four credits.

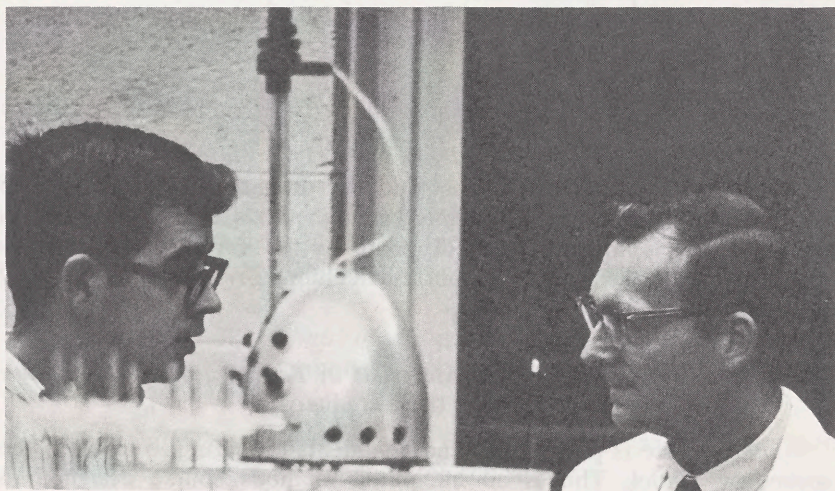
This course is a continuation of Chemistry 101.

CHEMISTRY 235. *Organic Chemistry*. Twelve single and four double periods a week (first four weeks); four credits.

The chemistry of organic compounds is studied in the light of modern theories of their structure and behavior, with emphasis on spectroscopic and other modern methods of structure determination. The laboratory work comprises a study of the preparation and properties of typical compounds, as well as modern separation techniques, such as gas chromatography and thin-layer chromatography. *Prerequisite: Chem. 101-102.*

CHEMISTRY 236. *Organic Chemistry*. Twelve single and four double periods a week (second four weeks); four credits.

This course is a continuation of Chemistry 235.



EDUCATION

DR. BLAIR, *Head of the Department*

EDUCATION 358. *Mathematics in the Elementary School*. Daily; three credits.

Consideration will be given to the use of manipulative, visual, and symbolic materials to give meaning to the number system, and to help the child to gain an understanding of number operations with whole numbers, fractions and decimals. The prospective teacher will consider what the pupil must learn, what the order of their learning must be, and what they must do to learn. Designed for students who are majoring in Elementary Education.

EDUCATION 359. *Reading in the Elementary School*. Daily; three credits.

This is a basic course in the teaching of reading in the elementary school. The materials and procedures which are used in the modern school system are studied. Attention is given to teacher-made materials for use in the reading program. Testing for readiness and achievement in reading is emphasized. Specific attention is given to differentiating instruction for both fast and slow learners.

EDUCATION 360. *Foundations of Curriculum*. Daily; three credits.

This course deals with a study and evaluation of the factors, ideas, and issues which influence the public school curriculum. Consideration is given to such topics as: basic ideas which influence organization and content; various programs found in theory and practice; and the scope and sequence of the curriculum. *Prerequisite: Psy. 233-234 or equivalent.*

EDUCATION 369. *Methods and Materials in Teaching in the Elementary Grades*. Daily; three credits.

This course is planned for students preparing to teach in the elementary school. This is an integrated methods course designed to meet the developmental needs of youth in the various subject fields included in the elementary school curriculum. *Prerequisite: Ed. 360 or equivalent.*

EDUCATION 370. *Methods and Materials in Teaching in the Secondary School*. Daily; three credits.

This course is planned for those students preparing to teach in the secondary school. This is an integrated methods course designed to

meet the developmental needs of youth in the various subject fields included in the secondary school curriculum. *Prerequisite: Ed. 360 or equivalent.*

EDUCATION 470. *History and Philosophy of Educational Thought.* Daily; three credits.

This course includes a critical analysis of current problems of teachers as they relate to the major philosophies of modern education. *Prerequisite: Ed. 360 or equivalent.*

EDUCATION 480b. *Directed Teaching.* Six credits.

This course gives experience in teaching under public school conditions. Two group conferences will be arranged each week. Advance registration is necessary. Write Mr. Robert H. Horn, Director of Student Teaching, before May 1, 1970.

Students needing three semester hours of credit may register for Ed. 480a.

EDUCATION 495s. *Teaching Problems.* Daily; three or six credits.

This course is planned to help mature teachers on problems chosen for study, using educational literature and practical research. It serves two purposes: (1) Work on any teaching problem of elementary or secondary level which is individually chosen and approved by the instructor; (2) Substitute for Ed. 480 or Ed. 480a in cases of mature teachers who choose this experience and whose applications are made in advance to the Assistant Provost of the College.

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

Students, regardless of classification, must have completed at least nine hours of course work in undergraduate professional education before enrolling in graduate courses in education. Generally, the nine hours should have included study in educational or developmental psychology, curriculum, and methods of teaching. Exceptions to prerequisite requirements must be approved in writing by the department head and by the dean of the School of Education.

EDUCATION 501. *Workshop in Educational Television.* Two hours, forty minutes daily; (Three-week session); three credits.

This workshop-type experience will explore the role of television and the implications of this medium for education.

EDUCATION 502. *The Elementary School Reading Program*. One hour, twenty minutes daily; (Six-week session); three credits.

The total elementary school reading program will be examined including basal reading, remedial reading, recreational reading and reading in the subject-matter fields. Various approaches to these four areas such as the basal reader approach, the individualized approach, and the linguistic approach will be studied. *Prerequisite: Ed. 359 or equivalent.*

EDUCATION 505. *The Role of the School in Society*. Daily; three credits.

Interpretation of the school as society's agency for human betterment, with emphasis on cultural living. Some issues that arise in the organization and operation of the schools.

EDUCATION 510. *The Creative Arts in Early Childhood Education*. Daily; three credits.

Application of knowledge of the creative process and its nurture to programs for young children. Exploration of creative learning experiences in art, music, language arts, movement and dance. Interpretation and guidance of development in these areas. *Prerequisite: Psychology 518 or equivalent.*

EDUCATION 530. *Teaching Mathematics in the Elementary School*. Two hours, forty minutes daily; (Three-week session); three credits.

This course is designed to assist experienced teachers to improve the teaching of mathematics in the elementary school. Opportunities for individual and group study of content, methodology, and instructional materials necessary to the design and implementation of instructional programs in modern mathematics will be provided.

EDUCATION 538. *Teaching the Social Studies in the Secondary School*. One hour, twenty minutes daily; (Six-week session); three credits.

This course is designed to assist experienced teachers in the improvement of social studies instruction at the secondary level. Attention is given to innovative programs and materials.

EDUCATION 607. *Secondary School Curriculum and Co-Curriculum*. Daily; three credits.

The principles and forms of curriculum organization, with appraisal of such curricula patterns as the subject-matter curriculum, the

correlated, fused, core and experience curriculum are included in this course. Also considered are the techniques for reorganizing the curriculum; leadership in curriculum development, and participation of teachers in curriculum improvement. *Prerequisite: Ed. 360 or equivalent.*

EDUCATION 609. *The Elementary School Curriculum.* Twenty minutes daily; (Six-week session); three credits.

This course includes a study of the current practices in curriculum development for the elementary school. The activity program, the fusion of various subject-matter areas, the core concept, the development of group activities, and the promotion of creative learning are also considered. Special emphasis is given to the role of the teacher in curriculum development. *Prerequisite: Ed. 360 or equivalent.*

EDUCATION 612. *Advanced Curriculum Theory in Early Childhood Education.* Two hours, forty minutes daily; (Three-week session); three credits.

A study in depth of early childhood education programs. Emphasis will be placed on current research and contemporary programs for young children, especially those related to the educationally deprived. *Prerequisite: Ed. 509 or 510.*

EDUCATION 616. *Practicum in Early Childhood Education.* Two hours, forty minutes daily; (Six-week session); three credits.

Supervised teaching experience with preschool children. Emphasis on planning and executing creative learning activities based on observation and study of young children. A minimum of four hours per week in classroom involvement is required in addition to seminar meetings. *Prerequisite: Ed. 612, 618, or equivalent.*

EDUCATION 620. *Comparative Education.* One hour, twenty minutes daily; (Six-week session); three credits.

A comparison of the educational system and philosophy of the United States with those of specific foreign countries is included in this course. Although the emphasis is on recent trends and practices, attention is given to the social, economic, and political problems and developments which brought about progress.

EDUCATION 630. *Research Methods in Education.* Daily; three credits.

This course is designed to develop those skills, insights, and understandings which will enable the student to become both an intelligent consumer and an intelligent producer of educational research.

EDUCATION 640. *The Fundamentals of Educational Administration.* One hour, twenty minutes daily; (Six-week session); three credits.

This course deals with such topics as federal, state and local authority and control of education; financial support for public education; problems related to the administration and supervision of pupil personnel, teaching personnel, and of the instructional program. *Prerequisite: nine hours of graduate study in education or permission of the instructor.*

EDUCATION 650. *Supervision of Instruction.* Two hours, forty minutes daily; (Three-weeks session); three credits.

In this course supervision is viewed as educational leadership in the improvement of instruction. The implications of research on the nature and scope of supervision are reviewed; current views on cooperative planning of supervisory programs are analyzed; and the improvement of supervisory techniques studied. *Prerequisite: nine hours of graduate study in education or permission of the instructor.*

EDUCATION 658. *Diagnostic and Remedial Techniques in Reading.* Daily; three credits.

In this course various types of reading difficulty will be studied. The major emphasis will be upon diagnosis and remediation. Everyone will be expected to diagnose several subjects who are having difficulty in reading and write reports of their findings with recommendations for therapy. *Prerequisite: Three hours credit in Ed. 502, 506 or equivalent.*

EDUCATION 660. *Practicum in Diagnostic and Remedial Techniques in Reading.* Daily; three credits.

This course will be a logical continuation of Education 507. Each student will be assigned several subjects to diagnose, and for whom he is to plan and carry out a corrective program of reading therapy.

EARLY APPLICATION

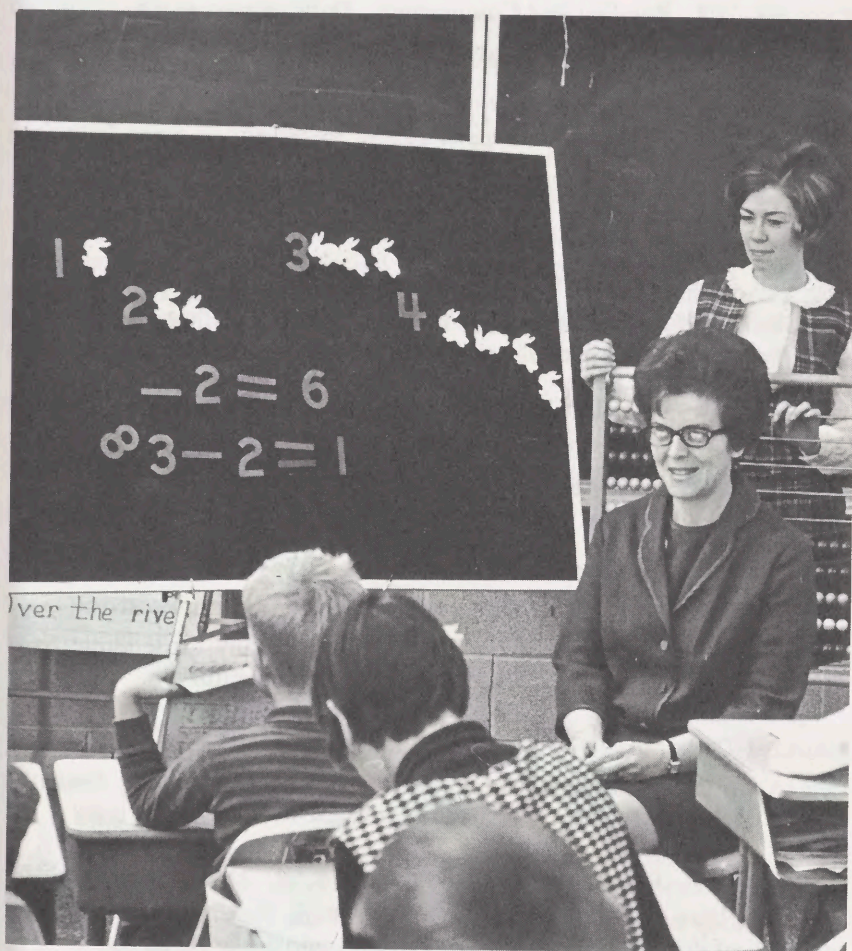
Activities planned for several graduate courses require that enrollments be limited. The courses which will require limited enrollment are: Education 616, Practicum in Early Childhood Education; Education 660, Practicum in Diagnostic and Remedial Techniques in Reading; and Education 501, Workshop in Educational Television. Students who wish to be enrolled in the above courses should send letters of application to Dr. Charles W. Blair before May 15, 1970. Students who apply after this date may have difficulty in securing placement in the desired course.

Students who register for Education 616, Practicum in Early Childhood Education, should reserve the third period in their schedules for observation in the Campus School Kindergarten.

A very limited number of placements are available for student teaching during the summer session. Students who wish to be considered for placement should write to Mr. Robert Horn before Feb. 15, 1970.

Students who wish to be enrolled in Education 495s should make application to the Assistant Provost of the College before May 15. All applicants should be prepared to identify possible topics for study.

In addition to the above applications, a formal application for admission to the summer session must be filed in the office of the Assistant Provost of the College.



ENGLISH

DR. McMURRAY, *Head of the Department*

Please Note: Eligibility to take all advanced courses in English beyond 234 is based on the student having completed English 101-102, 233-234 or equivalent.

ENGLISH 101. *Reading and Composition*. Daily; three credits.

Reviews the principles of grammar and usage in oral and written English, directs reading and analysis of selected examples of prose and poetry, and requires frequent compositions with attention to logical relation and arrangement of ideas, and to readability and interest.

ENGLISH 102. *Reading and Composition*. Daily; three credits.

Description above. *Prerequisite: English 101.*

ENGLISH 233. *Introduction to Literature*. Daily; three credits.

An introduction to the study and appreciation of literature through a limited number of carefully selected examples of fiction. *Prerequisite: English 101-102.*

ENGLISH 234. *Introduction to Literature*. Daily; three credits.

An introduction to the study and appreciation of literature through a limited number of carefully selected poems and dramas. *Prerequisite: English 101-102.*

ENGLISH 235. *Survey of English Literature*. Daily; three credits.

A survey with readings, lectures, discussions and reports, presented chronologically from the middle of the eighteenth century to modern times.

ENGLISH 247. *Survey of American Literature*. Daily; three credits.

A survey, presented historically and critically, extending from the beginning through the middle of the nineteenth century.

ENGLISH 248. *Survey of American Literature*. Daily; three credits.

A survey, presented historically and critically, extending from the middle of the nineteenth century to the present.

ENGLISH 306. *Literature of the New Testament*. Daily; three credits.

A study of the Gospels and Epistles of the New Testament including biblical criticism, historical background and basic theology.

ENGLISH 310. *Chaucer*. Daily; three credits.

A study of *The Canterbury Tales*, with an introduction to *Troilus* and to Chaucer's minor poems. Some attention will also be given to the literary work of Chaucer's contemporaries.

ENGLISH 360. *Studies in Comparative Literature*. Daily; three credits.

Studies in Greek, Roman, and European writers, including Homer, Virgil, Ovid, Horace, the *Bible*, Dante, Cervantes, Goethe, with special reference to their influence on literature in English.

ENGLISH 420. *Modern English Grammar*. Daily; three credits.

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

ENGLISH 425. *The American Novel to 1930*. Daily; three credits.

A study of the development of the American novel with an examination of some of the major works from Hawthorne to Faulkner.

ENGLISH 460. *Seminar in English Literature*. Daily; three credits.

A review of English literature designed to emphasize relationships of authors and periods studied in elective courses, and to give the student an opportunity, through individual oral and written reports, and class discussion, to study those works and movements with which he is not familiar. (Restricted to senior students majoring in English).

ENGLISH 516. *Bibliography and Methods of Research*. Daily (June 10-30); three credits.

An introduction to scholarly materials, procedures, and techniques, including scholarly writing.

ENGLISH 520. *The Practice of Literary Criticism*. Daily; three credits.

The history and theories of literary criticism are given brief attention. The major emphasis of the course, however, is upon critical examination and analysis, both oral and written, of representative poems, short stories, and dramas. Students are given ample opportunity to practice literary criticism.

ENGLISH 572. *Contemporary Approaches to English Linguistics*. Daily (first four weeks); three credits.

A course designed for teachers who desire to familiarize themselves with the basic ideas and procedures in the various approaches to the "New English." Special attention is paid to the utility of these approaches in the classroom.

ENGLISH 590. *Studies in Old English*. Daily; three credits.

The Old English language with readings in selected poetry and prose of the period.

ENGLISH 601. *Shakespeare*. Daily (July 1-August 13); three credits.

A study of selected plays by Shakespeare. The choice of plays will vary in different years. *Prerequisite: an undergraduate course in Shakespeare.*

ENGLISH 630. *Studies in English Literature of the Nineteenth Century*. Daily; three credits.

The course considers the works of several major authors of the century. The choice of authors for study will vary in different years.

ENGLISH 660. *Studies in Seventeenth-Century Literature*. Daily; three credits.

A study of selected authors and movements in the poetry and prose of the Seventeenth Century. Especial attention to Metaphysical poetry and to the development of modern English prose style.

ENGLISH 680. *Reading and Research*. Three credits.

Opportunity is given the individual student for supervised reading and research in the literature of his special interest. *Reading and Research* may be done only in the major field of study.

ENGLISH 700. *Thesis*. Six credits.

A thesis in the major field of interest and completed to the satisfaction of the student's adviser and the Graduate Council may be submitted in partial fulfillment of the requirements for the Master's degree. Students who elect to write a thesis are required to complete twenty-four semester hours in course work. (See Graduate Bulletin for details.)

PHILOSOPHY

PHILOSOPHY 240. *Introduction to Philosophy*. Daily; three credits.

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

PHILOSOPHY 360. *Philosophy and Modern Literature*. Daily; three credits.

In this course, philosophical problems are arrived at inductively through a detailed study of contemporary literary works. Authors treated include Ionesco, Camus, Sartre, Marcel, Huxley, Eliot, Barth, and others. *May be counted toward a major in English.*



FOREIGN LANGUAGES

DR. RAUCH, *Head of the Department*

FRENCH

FRENCH 105. *Special Elementary French*. Two periods daily; (first four weeks); three credits.

A rapid introductory course for students who intend to acquire only a reading knowledge of French. Selections from the fields of humanities, social sciences, and sciences according to individual needs. Especially recommended for students without a previous knowledge of French who intend to fulfill graduate school reading requirements. This course is not part of the course requirements for foreign language majors and minors, nor is it a prerequisite for French 231-232.

FRENCH 106. *Special Elementary French*. Two periods daily; (second-four weeks); three credits. Description above.

FRENCH 231. *Intermediate French*. Two periods daily; (first four weeks); three credits.

A thorough grammar review, dictation, simple composition and conversation. *Prerequisite: Fr. 101-102 or two years of high school French or equivalent.*

FRENCH 232. *Intermediate French*. Two periods daily; (second four weeks); three credits.

Progressive readings in French Civilization and Modern French Literature; outside readings. *Prerequisite: Fr. 231 or equivalent.*

FRENCH 250. *Conversation and Advanced Composition*. Two periods Daily; three credits.

Intensive training in the use and comprehension of modern everyday French with emphasis upon conversation and composition to give the student confidence in expressing himself in simple idiomatic French. *Prerequisite: 231-232 or four years of high-school French or equivalent.*

GERMAN

GERMAN 231. *Intermediate German*. Two periods daily; (first four weeks); three credits.

Review of basic grammar. Readings, written exercises, and conversation. Practice in pronunciation and comprehension in the language laboratory. *Prerequisite: Ger. 101-102 or two years of high-school German or equivalent.*

GERMAN 232. *Intermediate German*. Two periods daily; (second-four weeks); three credits.

Readings in German literature and civilization. Conversation and short topic compositions; outside readings. *Prerequisite: Ger. 231 or equivalent.*

LATIN

LATIN 458. *Classical Civilization*. 160 minutes daily; (June 17 to July 8); three credits.

This course is a survey, taught in English, of the elements of Greek and Roman civilization. It is designed to show the classical heritage of our Western World in the fields of language, religion, philosophy, art, literature, and government. This course is not part of a major; no prerequisite. Open to all students.

SPANISH

SPANISH 231. *Intermediate Spanish*. Two periods daily; (first four weeks); three credits.

A thorough grammar review, dictation, simple composition and conversation. *Prerequisite: Sp. 101-102 or two years of high-school Spanish or equivalent.*

SPANISH 232. *Intermediate Spanish*. Two periods daily; (second four weeks); three credits.

Progressive readings in Civilization and Modern Spanish Literature; outside readings. *Prerequisite: Sp. 231 or equivalent.*

SPANISH 250. *Spanish Conversation and Composition*. Daily; three credits.

Intensive training in the use and comprehension of modern everyday Spanish. Original compositions and parallel readings will be discussed entirely in Spanish. *Prerequisite: Sp. 231-232 or four years of high-school Spanish or equivalent.*

DEPARTMENTAL COURSE

FOREIGN LANGUAGE 550. *Seminar on the Teaching of Foreign Languages*. Two periods daily; (first four weeks); three credits.

Foreign language teachers will become acquainted with instructional materials available in the field. Problems in the teaching and administration of foreign language programs on the elementary and secondary level will be analyzed. Instructional films, demonstration classes and observations in the foreign language laboratory will be part of the course.

GEOLOGY

MR. HARNSBERGER, *Head of the Department*

GEOLOGY 110. *Physical Geology*. Four double and one single period a week; four credits.

An introduction to the various agencies and processes at work upon and within the earth and their effects. The composition and structure of the earth.

GEOLOGY 120. *Historical Geology*. Four double and one single period a week; four credits.

An introduction to a history of the earth from its origin to the present. Physical events and the evolution of life are emphasized through study of fossils.

PHYSICAL SCIENCE 510. *Earth Science*. Four single periods and one double period a week; three credits.

A course designed to familiarize the graduate student with the basic aspects of most branches of geology. Emphasis is upon materials and structure of the earth and how rock units are shaped into their scenic expression. (May not be used to satisfy requirements in the geology major.)



HISTORY

DR. DINGLEDINE, *Head of the Department*

HISTORY 233. *United States History to 1877*. Daily; three credits.

A survey of United States history from 1776 through Reconstruction. Interpretation and analysis are stressed.

HISTORY 234. *United States History Since 1877*. Daily; three credits.

A survey of United States history from Reconstruction to the present. Interpretation and analysis are stressed.

HISTORY 255. *History of Civilization to 1650*. Daily; three credits.

A survey of important historical developments from prehistoric times to the mid-seventeenth century. Emphasis is given to the rise and decline of great civilizations and to their lasting contributions to mankind.

HISTORY 256. *History of Civilization Since 1650*. Daily; three credits.

A survey of important historical developments from the mid-seventeenth century to the present. Emphasis is given to the growth of nationalism, the development of colonialism, and to the events, problems, and conflicts of the present century.

HISTORY 363. *History of Africa*. Daily; three credits.

This course emphasizes the social and cultural aspects as well as the emerging role the continent plays in contemporary world history.

HISTORY 370. *The Modern Middle East*. Daily; three credits.

A survey of the political evolution of the modern Middle East. Emphasis will be placed on the impact of Western imperialism and on the problems of Arab nationalism. Special attention will also be given to the origins of the Arab-Israeli conflict and to the involvement of the Soviet Union and the United States in the Middle East today.

HISTORY 384. *England and the Empire-Commonwealth*. Daily; three credits.

This course traces the history of England from the early eighteenth century down to the present. Emphasis is placed upon the development of the cabinet form of government, the industrial revolution, and particularly to the growth and organization of the Empire-Commonwealth and its role in world affairs.

HISTORY 501. *Workshop in Colonial American History*. Daily (Inter-session); three credits.

A comparative study of social and cultural life in 18th century Virginia and Massachusetts. The course will involve lectures, demonstrations, and a week in Colonial Williamsburg.

Enrollment is limited to sixteen students. On account of the trip, a special non-refundable fee of fifty dollars (\$50.00) must be paid *in advance* to the Head of the Department of History. Students must be registered by June 1.

HISTORY 526. *Civil War and Reconstruction*. Daily; three credits.

A detailed study of the background, development, personalities, and aftermath of the Civil War. Special attention is given to the coming of the War and different explanations of its causes and to the policies and significance of Reconstruction, with varying interpretations thereof. *Prerequisite: Hist. 233 or equivalent.*

HISTORY 532. *The United States and the Contemporary World*. Daily (Six-Week Session); three credits.

A study of the changes in United States diplomacy from 1941 to the present. Primary emphasis will be on the development of the Cold War, the relations with newly independent nations, and the attempts to maintain security in an uncertain world. *Prerequisite: Hist. 234 or equivalent.*

HISTORY 545. *Latin America and the United States*. Daily; three credits.

An examination of the diplomatic relations between Latin America and the United States from the era of the Latin American revolutions for independence to the present. Emphasis will be placed on the Monroe Doctrine and its extensions and the development of the Pan-American system. *Prerequisite: Hist. 233-234 or equivalent.*

HISTORY 602. *United States Diplomatic History, 1890-1941*. Daily; three credits.

An intensive study of American diplomatic activities and foreign relations from the 1890's to the eve of World War II, with emphasis on the development of imperialism, isolationism, and disarmament, as well as the diplomacy of the Spanish-American War, World War I, and the pre-World War II period. *Prerequisite: Hist. 234 or equivalent.*

HISTORY 630. *Europe in the Era of World War I*. Daily; three credits.

A study of the first World War as a pivotal event in the history of the modern world with special emphasis on the war's origins and its shattering effect on late 19th century European civilization. Attention will also be given to the conduct of the war and to the making of the peace settlement. *Prerequisite: Hist. 256 or equivalent.*

HOME ECONOMICS

DR. ROWE, *Head of the Department*

HOME ECONOMICS 330. *Family Relations*. Daily; three credits.

A study of the relations in modern family living with emphasis on dating, courtship, marriage, marital adjustment, and intergeneration relations.

HOME ECONOMICS 384. *Child Nutrition*. Four days a week; (second four-weeks); two credits.

A study of the nutritional needs of young children and implications involved in his emotional, social, and physical development. *Prerequisite: H.E. 180 (or equivalent)*.

HOME ECONOMICS 470. *Home Management Residence*. Daily; three credits.

Democratic principles in family living constitute the basis upon which the home management experience is planned. The areas of responsibility are rotated to give each family member experience in all phases of homemaking with emphasis upon management of time, energy, and other resources. Residence in Varner House required. A scholarship index of 2.00 is required for residence. *Prerequisites: H.E. 140, 180, 250, 320, 475 (or equivalent)*.

HOME ECONOMICS 475. *Management in Relation to Personal and Family Resources*. Four days a week; (first four-weeks); two credits.

A study of the concepts and functions of home management, the concerns, goals and values reflected in the way non-financial resources are used.

HOME ECONOMICS 590 D. *Occupational Workshop—Child Care*. June 22-26; 8:30-12:00; one credit.

The theory and practical application of child care as used in teaching vocational occupational courses in the high school in preparing persons for employment in child care services. *Prerequisite: H.E. 300 (or equivalent)*.

HOME ECONOMICS 590 E. *Seminar in Dietetics—Food and Its Relation to Health*. June 15-19; 8:30-12:00; one credit.

A study of the factors which influence food habits and their modification. Consideration of food acceptance, meanings of food, physio-

logical aspects, effects of illness, dietary planning, and changing food habits. *Prerequisite: H.E. 180 (or equivalent)*.

HOME ECONOMICS 590 F. *Seminar in Dietetics—Nutrition Education*. August 3-7; 8:30-12:00; one credit.

An investigation of methods of teaching nutrition, of nutrition education materials, and of pilot projects. Review of motivation and learning as applied to nutrition. *Prerequisite: H.E. 180 (or equivalent)*.

HOME ECONOMICS 590 G. *Occupational Workshop—Home Furnishings*. June 29-July 3; 8:30-12:00; one credit.

The theory and practical application of home furnishing training as used in teaching vocational occupational home furnishing courses in the high schools. *Prerequisite: H.E. 210 (or equivalent)*.

HOME ECONOMICS 590 H. *Money Management Education*. July 20-24; 8:00-11:00; one credit.

This course will examine several approaches to money management education. Programmed spending for basic needs and the use of discretionary income will be considered. *Prerequisite: H.E. 320 (or equivalent)*.

HOME ECONOMICS 590 I. *Seminar in Dietetics—Geriatric Nutrition*. July 27-31; 8:30-12:00; one credit.

A study of the nutritional needs of the older person. Ways of meeting these needs during health and illness and an investigation of geriatric institutional feeding practices. *Prerequisite: H.E. 180 (or equivalent)*.

HOME ECONOMICS 680. *Seminar in Supervision of Student Teachers in Vocational Home Economics*. July 1-21; 8:30-11:10; three credits.

A study of the field of supervision including such topics as the nature and function of supervision, in-service improvement of teachers, techniques of classroom visitation, teaching ratings, teacher's meetings, human relations, and the selection of training centers. *Prerequisites: Bachelor's degree, teaching experience in vocational home economics*.

LIBRARY SCIENCE

See MR. PALMER

LIBRARY SCIENCE 240. *Children's Literature*. Daily; three credits.

Principles and aids to help teachers and librarians become familiar with the literature available for children. Emphasis is placed upon wide acquaintance with the books to be used by the children. Some attention will be given to the history of children's literature, to general information books, to sources of reference materials, and to magazines for children.

LIBRARY SCIENCE 354. *Young People's Literature*. Daily; three credits.

The purpose of this course is to introduce students to the wealth of printed materials available for young people. Students will examine and read extensively among the books that have been written for young people in order to learn how to select and use the best reading material. A project in a subject and grade level of greatest interest to the student may be undertaken as a part of the course.

LIBRARY SCIENCE 365. *Organization of Materials*. Daily; three credits.

Acquisition and preparation of books and other materials for use. Methods of ordering, simplified cataloging, the mechanical preparation of materials, and circulation systems are considered.

LIBRARY SCIENCE 366. *Administration of School Libraries*. Daily; three credits.

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

LIBRARY SCIENCE 370. *Audio-Visual Materials*. Daily; laboratory hours to be arranged; three credits.

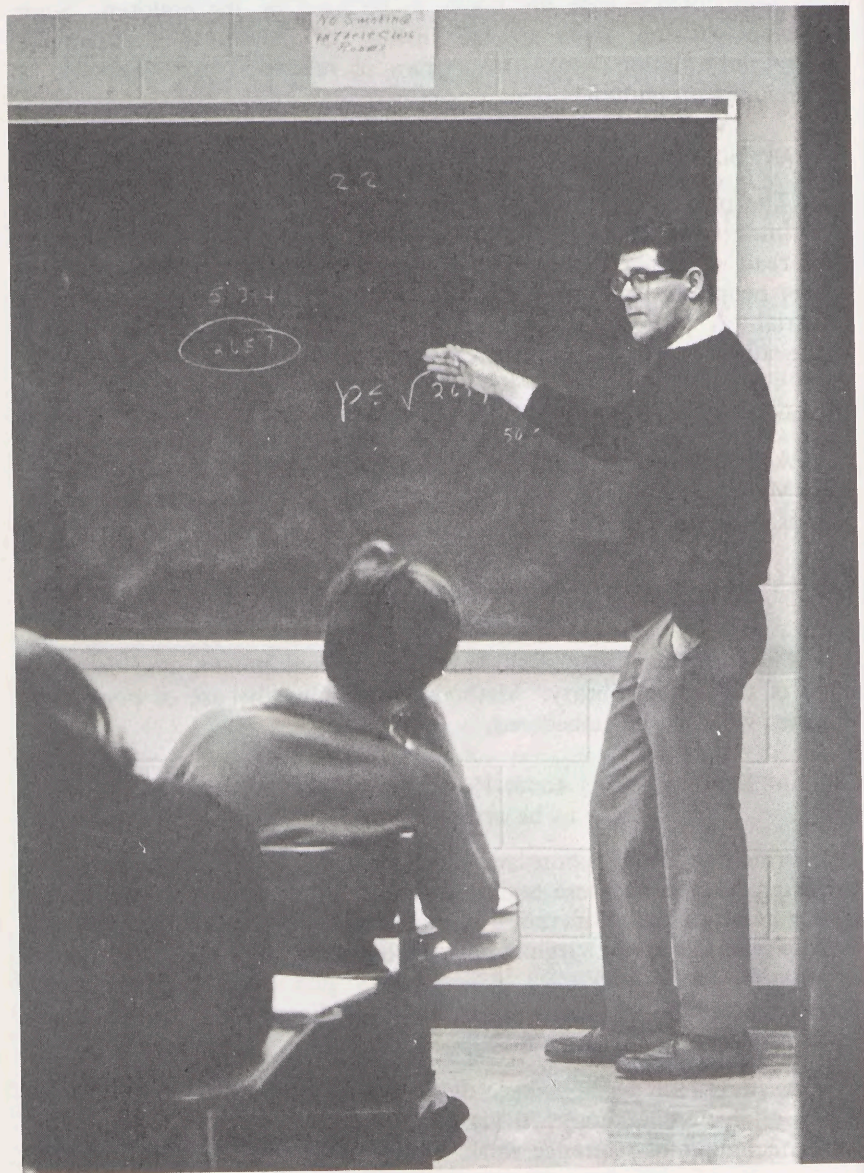
Principles of selection and evaluation of audio-visual materials, techniques for using these teaching materials in the classroom, laboratory experience in the operation of equipment, and previewing materials available for use in the Virginia public schools.

LIBRARY SCIENCE 477. *Reference and Bibliography*. Daily; three credits.

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

LIBRARY SCIENCE 478. *Cataloging*. Daily; Laboratory hours as arranged; three credits.

The principles and methods of the preparation of books for use in small libraries. Students will classify and catalog under supervision. Ability to use a typewriter is important. *Prerequisite: L. S. 365.*



MATHEMATICS

DR. SANDERS, *Head of the Department*

MATHEMATICS 107. *Fundamentals of Mathematics*. Daily; three credits.

A development of basic concepts of elementary mathematics including sets, logic, the nature of proof, binary operations, mathematical systems, relations, functions, and number bases.

MATHEMATICS 108. *Fundamentals of Mathematics*. Daily; three credits.

A continuation of Mathematics 107 including a study of the natural numbers, integers, rational numbers, real numbers and their properties.

MATHEMATICS 125. *Introduction to College Mathematics*. Daily; three credits.

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

MATHEMATICS 126. *Introduction to College Mathematics*. Daily; three credits.

A study of functions and relations, algebraic functions, and the usual topics of trigonometry.

MATHEMATICS 207. *Basic Concepts of Algebra*. Four periods a week; (first four weeks); three periods a week; (second four weeks); two credits.

Basic ideas and structure of algebra including equations, inequalities, positive and negative numbers, absolute value, graphing of truth sets of equations and inequalities, and examples of other algebraic systems including finite ones. (Required for elementary education majors—may not be used to satisfy other mathematics requirements.)

MATHEMATICS 208. *Intuitive Foundations of Geometry*. Four periods a week; (first four weeks); three periods a week; (second four weeks); two credits.

A study of space, plane, and line as sets of points, considering separation properties and simple closed curves; the triangle, rectangle, circle, sphere, and the other figures in the plane and space considered as sets of points with their properties developed intuitively; the concepts of deduction and the beginning of deductive theory; concepts of

measurement in the plane and space, angle measurement, measurement of the circle, volumes of solids; coordinate geometry. (Required for elementary education majors—may not be used to satisfy other mathematics requirements.)

MATHEMATICS 210. *Digital Computer Programming*. Four periods a week; two credits.

Digital computer development, flow charting, programming and solving of selected problems using Fortran IV language. Programs written by students will be processed on the IBM 1130 Computer on campus. *Prerequisite: Math. 125-126 or equivalent.*

MATHEMATICS 220. *Elementary Statistics*. Daily; three credits.

An introduction to the basic concepts of statistics including a brief treatment of descriptive statistics; probability; empirical and theoretical frequency distributions; problems of sampling; estimation and testing of hypotheses; regression and correlation. *Prerequisite: Math. 125 or Math. 135.*

MATHEMATICS 235. *Analytic Geometry and Calculus*. Two periods daily; five credits.

Functions, limits, derivatives of algebraic functions, applications, antiderivatives, definite integrals, and selected topics from analytic geometry.

MATHEMATICS 350. *Modern Algebra*. Daily; three credits.

Fundamental concept of the relation and function, a development of the real number system, and an introduction to groups, rings, and fields.

MATHEMATICS 360. *Linear Algebra*. Daily; three credits.

An introduction to the theory of vector spaces, linear transformations, and matrices.

MATHEMATICS 385. *Intermediate Calculus*. Daily; three credits.

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

MATHEMATICS 511. *Advanced Calculus II*. Daily; three credits.

Continuation of Mathematics 510. Rigorous treatment of fundamental concepts of the calculus, further topics from the calculus of functions of one variable, calculus of real functions of finitely many real variables.

MATHEMATICS 525. *Numerical Analysis*. Daily; three credits.

Error analysis, interpolating functions, roots of equations by successive approximations, iterative methods for solving simultaneous linear equations, and programming. Laboratory work will consist of Fortran programming with application to the IBM 1130 Computer on campus. *Prerequisite: Math. 385 or consent of the instructor.*

MATHEMATICS 600. *Foundations of Mathematics*. Daily; three credits.

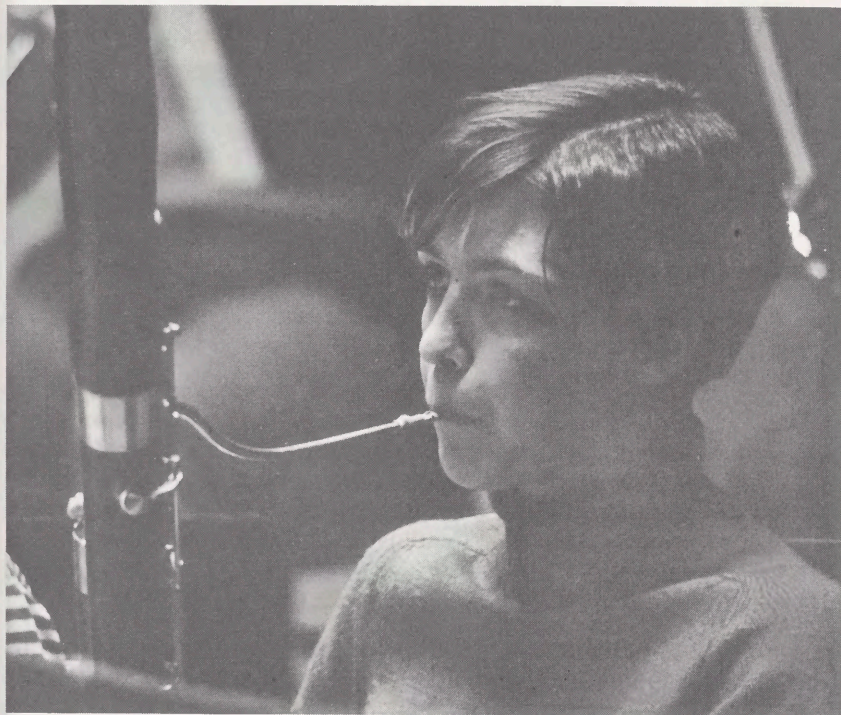
This is an introductory study of the logical structure of mathematics. The axiomatic methods will be illustrated by developing the Peano theory of numbers.

MATHEMATICS 620. *Topics in Geometry*. Daily; three credits.

A study of the relationships among the different geometries using both synthetic and algebraic methods. The axiomatic structure of synthetic projective geometry; analytic projective geometry.

MATHEMATICS 635. *Topology I*. Daily; three credits.

Introduction to general and point set topology.



MUSIC

DR. OHLSSON, *Head of the Department*

MUSIC THEORY AND LITERATURE

MUSIC 200. *Music in General Culture*. Daily; three credits.

An introductory course having as its aim the broadening of one's understanding of music through thoughtful listening. Music of the various styles and periods will be discussed and illustrated through lectures and recordings. This course is nontechnical and is required of students in all programs.

MUSIC 300. *Music Appreciation*. Three credits.

An enriching, cultural course, planned for the general student. A continuation of Music 200 with more detailed attention given to styles and forms through study of selected musical works of the masters. *Prerequisite: Mus. 200 or equivalent*. Offered only as specially directed summer study abroad. (July 1-August 11).

MUSIC 490. *Special Studies in Music*. One-three credits.

This course is designed to give superior music students an opportunity to do independent study under faculty supervision. This study may be in the area of music literature or music education. Permission to enroll must be secured from the head of the department. Offered only as specially directed summer study abroad (July 1-August 11).

MUSIC 542. *Modern Harmony and Composition*. Daily; three credits.

A sequel to Music 541. One course may be taken without the other and either may be elected first.

A study of the harmonic, contrapuntal and other stylistic devices of the twentieth-century composer and their application in creative writing by the student who wishes to acquire a technique in the contemporary idiom.

Composition in both small and larger forms depending upon the talent and background of the student. This course is not only for the talented composition student but also for the teacher and performer who desires an increased understanding of our contemporary music.

MUSIC 562. *Music of the Romantic Period*. Three credits.

A study of the Romantic movement in music with reference to its historical background and parallel movements in literature and art. The music of Schubert, Weber, Berlioz, Mendelssohn, Liszt, Chopin, Wagner,

Brahms, and their contemporaries. Post-romanticism: Elgar, MacDowell, R. Strauss, Sibelius, and others. Offered also as specially directed summer study abroad (July 1-August 11).

MUSIC 570. *Analytical Studies in Music Literature*. Three credits.

The study of representative works from all periods in terms of their formal and stylistic characteristics. Stylistically the analysis will include a consideration of the following: melodic and rhythmic elements, harmonic and contrapuntal techniques, texture (in its many ramifications), orchestration (vocastration) and the interrelation of these elements in the forms as a whole. Finally the study will view each work as a product of a definite aesthetic concept.

MUSIC 680. *Reading and Research*. Three credits.

An opportunity for the individual music major student to do supervised reading and research in a special interest area in music or music education. Offered both on campus and for directed summer study abroad (July 1-August 11).

MUSIC 700. *Thesis*. Six credits.

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

MUSIC EDUCATION

MUSIC 171, 172, 173, 174, 175, 176. June 15-21. One credit.

Teachers who attend the music workshop and camp and who devote a minimum of 30 hours to classes, study, and observation may earn one semester hour of credit at Madison College. Registration for this credit will be held at Massanetta Springs at 4:00 P.M., on Tuesday, June 16, in a room to be announced at the opening of the Camp. Registration fee: \$10.00.

MUSIC EDUCATION 375. *Music for Children*. Four lectures and two laboratory periods a week; three credits.

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

MUSIC EDUCATION 571. *Topics in Choral Techniques and Literature.* June 15-27; two credits.

An opportunity for the student to select a topic of special interest in the field of choral music. Available only in the summer session as described below.

MUSIC EDUCATION 572. *Topics in Instrumental Techniques and Literature.* June 15-27; two credits.

An opportunity for the student to select a topic of special interest in the field of instrumental music. Available only in the summer session as described below.

MUSIC EDUCATION 573. *Topics in Pedagogy of Music Theory and Literature.* June 15-27; two credits.

An opportunity for the student to select a topic of special interest in the field of teaching theory and music literature. Available only in the summer session as described below.

MUSIC EDUCATION 574. *Topics in Elementary School Music.* June 15-27; two credits.

An opportunity for the student to select a topic of special interest in the field of elementary music. Available only in the summer session as described below.

Teachers who attend the Virginia Music Workshop and Camp at Massanetta Springs through Madison College may earn a total of six semester hours of graduate credit by participating for three summers. In addition to the week of camp activities the student will spend the following week on the Madison College Campus in individual research and in seminars under the daily supervision of members of the graduate faculty in the Music Department. A student must select a different area of research interest in each of three summer sessions from the four courses listed above. It will be advisable for each student to have determined his area of interest and possible research topics prior to camp registration on June 15. At this registration, a representative from Madison College Music Department will be available for the purpose of discussing and approving the selected field and research topic of each student. Dormitory and dining hall facilities will be available for the week on the campus.

MUSIC EDUCATION 610. *Research and Trends in Music Education.* Daily; three credits.

This course deals with psychological factors involved in the teaching of music, with individual measurements in music, and with more recent developments in music education. It is designed to include work which is significant to all branches of music teaching.

MUSIC EDUCATION 611. *The Supervision and Administration of Music.*
Daily; three credits.

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

APPLIED MUSIC

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

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

Two half-hour lessons a week for eight weeks; one credit.

PIANO 115-116; 215-216; 315-316; 415-416; 511, 512, 513, 514. One credit.

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 promote an appreciation for piano music in general.

VOICE 115-116; 215-216; 315-316; 415-416; 511, 512, 513, 514. One credit.

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

ORGAN 115-116; 215-216; 315-316; 415-416; 511, 512, 513, 514. One credit.

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

ORCHESTRAL INSTRUMENTS 115-116; 215-216; 315-316; 415-416; 511, 512, 513, 514. One credit.

Students may register for instruction on any of the string, brass or woodwind instruments or in percussions. Emphasis is given to correct breathing, development of embouchure, different types of tonguing,

transposition, and studies including the phases of techniques needed by each individual student.

CHORUS 109, 209, 309, 409. Four periods a week; one credit.

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

FEES FOR APPLIED MUSIC

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

	<i>Instruction in Voice, Piano Orchestral Instruments</i>	<i>Practice Charge</i>	<i>Total Charge</i>
16 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 Organ</i>	<i>Practice Charge</i>	<i>Charge Total</i>
16 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 instructor at the time of registration. Credit for private lessons is given only when enough lessons are taken to equal one full credit of work which is 16 half-hour lessons with a minimum of 75 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.

PHYSICAL AND HEALTH EDUCATION

DR. CRAWFORD, *Head of the Department*

PHYSICAL EDUCATION 160. *Elementary Swimming*. Daily; one credit.

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

PHYSICAL EDUCATION 162. *Beginning Swimming*. Daily; one credit.

For students who cannot swim the width of the pool. Elementary levels of swimming strokes, personal safety, and diving.

PHYSICAL EDUCATION 225. *Tennis, Intermediate Tennis*. Daily; one credit.

PHYSICAL EDUCATION 226. *Golf, Intermediate Golf*. Daily; one credit.

PHYSICAL EDUCATION 264. *Lifesaving*. Daily; one credit.

The Senior Lifesaving Course of the American Red Cross. (Open to all students subject to instructor's approval.)

PHYSICAL EDUCATION 370. *Physical Education for Children*. Four periods a week; (first four weeks); three periods a week; (second four weeks); two credits.

A survey of the activity needs of children and the selection, organization, presentation and evaluation of activities appropriate in meeting these needs. *Prerequisite: Psy. 233-234 or equivalent.*

PHYSICAL EDUCATION 510. *Principles of Motor Learning*. Daily; Six week session; three credits.

Principles and theories of learning motor skills and their applications in teaching and coaching physical education activities.

PHYSICAL EDUCATION 545. *New Developments in Physical Education in Elementary Schools*. Workshop: June 21-30; three credits.

Movement in education with special emphasis on the development of sequential movement experiences, advanced techniques and creative methods of teaching kindergarten through elementary schools.

PHYSICAL EDUCATION 550. *New Developments in Physical Education in Secondary Schools*. Workshop: June 21-30; three credits.

Movement in education with special emphasis on the development of sequential movement experiences, advanced techniques and creative methods of teaching in the junior and senior high schools.

PHYSICAL EDUCATION 620. *Administration of Physical and Health Education*. Daily; Six week Session; three credits.

This course deals with personnel, facilities, equipment, use of time and space, and financial matters. Both the instructional and non-instructional phases of the physical and health educational programs are included.

PHYSICAL EDUCATION 680. *Reading and Research*. Three credits.

Directed reading in designated areas and in areas of specialized interest. Investigation, research, and reporting. (*Reading and Research* may be done only in the major field of study.)

HEALTH 200. *Personal and Community Health*. Four periods a week; (first four weeks); three periods a week; (second four weeks); two credits.

A study of selected factors which relate and contribute to healthful living, including the activities of the community health program. *Prerequisite: Bio. 110*.

HEALTH 203. *Safety and First Aid*. Daily; three credits.

Standard and Advanced First Aid Courses and materials and methods of instruction in various phases of safety education. Students who complete the course successfully will be certified by the Red Cross in First Aid.

HEALTH 304. *Traffic and Driver Safety*. Daily; three credits.
(Laboratory work to be assigned in afternoon).

Problems of traffic and driver safety as they exist in our present society. (Upon successful completion of this course and Health 203, students may secure an endorsement for Driver Education from the State Board of Education after graduation. Operator's license issued by the Commonwealth of Virginia is required.)

HEALTH 540. *The Teaching of Sex Education*. Daily; Workshop: June 11-19; three credits.

A study of the development of sexuality through its physiological, social and emotional aspects. A variety of methods and materials available to elementary and secondary school teachers will be utilized.

PHYSICS

DR. WELLS, *Head of the Department*

PHYSICS 121. *General Physics*. Ten single and five double periods a week; (first four weeks); four credits.

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

PHYSICS 122. *General Physics*. Ten single and five double periods a week; (second four weeks); four credits.

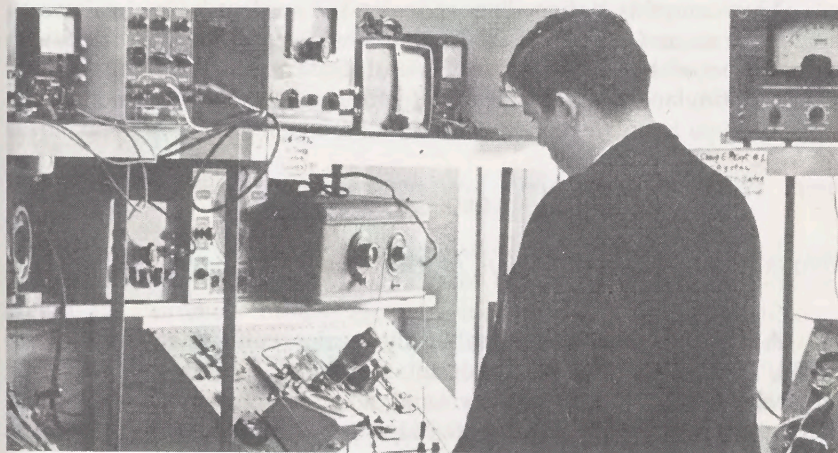
This course is a continuation of Physics 121.

PHYSICS 510. *Theoretical Physics*. Seven periods a week; three credits.

Mathematical development of theories and problems in mechanics, thermodynamics, wave motion, electricity, magnetism, optics, and modern physics. This course is especially designed to provide the necessary flexibility for students of varying backgrounds and levels of preparation who may wish to enter the graduate program.

PHYSICS 640. *Electrodynamics*. Seven periods a week; three credits.

A study of electrostatics: electron theory of dielectrics, permeability and polarization. The theory of magnetism: magnetic fields, induced emfs, ferromagnetic materials and magnetic circuit. Special emphasis on application of Maxwell's equations: radiation and propagation of electromagnetic waves, reflection, refraction, diffraction and dispersion.



POLITICAL SCIENCE AND GEOGRAPHY

DR. CLINE, *Head of the Department*

POLITICAL SCIENCE

POLITICAL SCIENCE 110. *Introduction to Political Science.* Daily; (eight weeks); three credits.

Introduction to concepts, organization, and terminology of government. Basic introductory material for the study of political science, including national, state, and local government, international relations, comparative government, constitutional law, and political theory.

POLITICAL SCIENCE 630. *Seminar in State and Local Government.* Daily; intersession; three credits.

This course is designed to acquaint the student with the functions and operations of the various branches and agencies of state and local government. Lectures and demonstrations in the field will include visits to at least one state capital and to local government offices.

Enrollment is limited to fifteen students. On account of the field trips, a special non-refundable fee of forty dollars (\$40) must be paid *in advance* to the Head of the Department of Political Science. This special fee will be in addition to the regular registration fees for the course which are payable to the Business Office. This course will be offered only during the Summer Session.

POLITICAL SCIENCE 650. *Comparative World Government.* Daily; (six-week session); three credits.

This course is designed to acquaint the student with the governmental forms and structures of the major world powers. A comparison is made between the American Federal Government and the governments of England, France, West Germany, and the Soviet Union.

GEOGRAPHY

GEOGRAPHY 120. *Introduction to Geography.* Daily; (eight weeks); three credits.

A study of the geography of the major cultural regions of the world, giving attention to important individual countries within each cultural region. Pertinent background material on systematic physical and cultural geography is presented at appropriate places in the course.

PSYCHOLOGY

DR. JOHN P. MUNDY, *Head of the Department*

PSYCHOLOGY 100N. *Psychology for Students of Nursing*. Daily; three credits.

The physical basis of mental life, the endocrine glands, the motivation of behavior, socialization, adjustment to life, personality development, psychosomatic illness, psychoneuroses, psychoses, learning and re-education. (Open only to student nurses of the Rockingham Memorial Hospital)

PSYCHOLOGY 231. *General Psychology*. Daily; three credits.

An introductory course designed to acquaint students with the field of Psychology as a scientific discipline concerned with the study of behavior. Consideration will be given to such topics as human development, motivation, emotion, perception, learning, personality, intelligence, measurement and applied areas. This course is recommended for Psychology Majors.

PSYCHOLOGY 232. *General Psychology*. Daily; three credits.

An introductory course designed to acquaint students with the field of Psychology as a scientific discipline concerned with the study of behavior. Consideration will be given to such topics as human development, motivation, emotion, perception, learning, personality, intelligence, measurement and applied areas. This course is recommended for Psychology Majors. *Prerequisite: Psy. 231 or equivalent.*

PSYCHOLOGY 233. *Human Growth and Development*. Daily; three credits.

This course is designed to develop an understanding of the principles and theories of human growth and development and to create an awareness of the factors which influence human behavior. Case studies, and observations of children are required aspects of this course. This course is specifically designed to meet the Virginia certification requirements in the area of human growth and development.

PSYCHOLOGY 234. *Human Growth and Development*. Daily; three credits.

This course is designed to develop an understanding of the principles and theories of human growth and development and to create an awareness of the factors which influence human behavior. Case studies, and observations of children are required aspects of this course. This course is specifically designed to meet the Virginia certification requirements in the area of human growth and development. *Prerequisite: Psy. 233 or equivalent.*

PSYCHOLOGY 357. *Psychology of Personality*. Two hours Daily; (first four weeks); three credits.

This course deals with the development of human personality, particularly in the early stages. The implication of mental hygiene for the school child and for the teacher will be studied. Special emphasis will be placed on the interplay of heredity and the various forces of environment and of society on the development of the integrated personality. Personality tests will be given and class and individual discussions of personality problems will be included. *Prerequisite: Psy. 231-232, or Psy. 233-234 or equivalent.*

PSYCHOLOGY 358. *Abnormal Psychology*. Two hours Daily; (second-four weeks); three credits.

This course includes origin and classification of mental abnormalities and also a survey of diagnosis, therapy, and prevention. Some attention is given to cultural and philosophical factors with emphasis on creative self-actualization as a standard of mental health. *Prerequisite: Psy. 231-232, or Psy. 233-234 or equivalent.*

PSYCHOLOGY 369. *Psychology of Early Childhood*. Daily; three credits.

Techniques of guiding young children based on an understanding of the preschool child are explored in this course. The philosophy of early childhood education is analyzed and basic principles and practices are examined. *Prerequisite: Psy. 231-232, or Psy. 233-234 or equivalent.*

PSYCHOLOGY 479. *Psychology of Learning*. Daily; three credits.

Examination of the basic principles of learning and conditioning. Consideration will be given to such topics as extinction reinforcement, generalization, discrimination, transfer, concept formation, and verbal learning. Some emphasis on theories and special theoretical problems. *Prerequisite: Psy. 231-232, or Psy. 233-234 or equivalent.*

PSYCHOLOGY 485. *Psychology of Motivation*. Daily; three credits.

This course involves an advanced study of motivation in relation to perception, learning, emotions, and problem solving. Much attention is given to current experimental data. *Prerequisite: Psy. 231-232, or Psy. 233-234 or equivalent.*

PSYCHOLOGY 488. *Mental Tests and Measurements*. Daily; three credits.

This course deals with the procedures and use of a testing program. Mental, personality, achievement, and aptitude testing is in-

cluded. Students score and interpret test results. Statistical procedures necessary to interpret scores are studied. *Prerequisite: Psy. 231-232, or Psy. 233-234 or equivalent.*

PSYCHOLOGY 520. *Personality Dynamics.* Daily; three credits.

This course deals with the major theories of personality and identifies implications of each theory for education, business, medicine, industry, law enforcement, and civic and religious groups.

PSYCHOLOGY 522. *Advanced Abnormal Psychology.* Daily; three credits.

A consideration of the symptoms, etiologies and therapies of the major neuroses and psychoses, with implications for the various professions.

PSYCHOLOGY 628. *Research in Adolescent Psychology.* One hour twenty minutes daily; (six weeks); three credits.

A study of the dynamics shaping the growth, development, and behavior of the adolescent and youth forms the basis of this course. Extensive analysis and appraisal of current research is required.

PSYCHOLOGY 648. *Research in Human Development.* One hour twenty minutes daily; (six weeks); three credits.

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

PSYCHOLOGY 670. *Individual and Group Tests.* Daily; three credits.

Emphases in this course are on the theoretical bases underlying construction, use and interpretation of results of standardized tests. *Prerequisite: Psychology 488 or equivalent.*

INTERDEPARTMENTAL SCIENCE COURSES

In addition to the course offerings of the various departments, the School of Natural Sciences offers the following courses which are interdepartmental in content and staff:

PHYSICAL SCIENCE 110. *General Physical Science*. Five single and two double periods a week; four credits.

A course designed to help students gain a better understanding and appreciation of their physical environment. Emphasis will be given to the background and development of some of the important concepts and ideas in the fields of astronomy, chemistry, geology, and physics. Related laboratory work is included.

PHYSICAL SCIENCE 510. *Earth Science*. Four single periods and one double period a week; three credits.

A course designed to familiarize the graduate student with the basic aspects of most branches of geology. Emphasis is upon materials and structure of the earth and how rock units are shaped into their scenic expression (May not be used to satisfy requirements in the geology major.)

SCIENCE 310. *Science in the Elementary School*. Two single and three double periods a week; four credits.

A science course which deals with the methods, materials, and literature of biological and physical science in the elementary school. The laboratory work consists of activities selected jointly by the students and the instructor on the basis of value for elementary school teaching.

SCIENCE 512. *Natural Resources Conservation*. Three hours daily in the morning with field trips in the afternoon; three credits.

The following areas of conservation will be investigated: mineral resources, marine life, soil and water conservation, forestry and wild-life management.

This three-week course in conservation beginning June 17 and ending July 10 is for Virginia school teachers and other interested individuals. It is sponsored by the Virginia Resource-Use Education Council in cooperation with the School of Natural Sciences of Madison College.

A limited number of scholarships to cover tuition, meals, and lodging will be made available to Virginia school teachers from funds provided by several interested organizations. All Virginia school teachers are eligible to apply. Applications for these scholarships should be sent to the Virginia Resource-Use Education Council, P.O. Box 1642, Richmond, Virginia 23213.

SOCIOLOGY

DR. SMITH, *Head of the Department*

SOCIOLOGY 139. *Principles of Sociology*. Daily; three credits.

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

SOCIOLOGY 250. *Social Problems*. Daily; three credits.

Designed to introduce the student to the nature of social organization and social disorganization. Emphasis is on problems relating to family behavior, juvenile delinquency, social stratification, social mobility, and mental health.

SOCIOLOGY 425. *Criminology*. Daily; three credits.

This course will survey the recent reports pertaining to crime and delinquent behavior with an emphasis on organized crime, gambling, vice and racketeering. Case studies will be presented.

SOCIOLOGY 480. *Social Work Field Placement*. Daily; three credits.

This course will give students field experience in: public welfare, adult and juvenile probation and parole, and school social work. The emphasis will be on the services of these agencies to the individual and the community, and their relationship to state and national social service programs.

SOCIOLOGY 530. *Negro in America*. Daily; Intersession; three credits.

A survey of the history of the Negro in American Society which will provide a background for the examination and analysis of the present role and status of this minority group.

SOCIOLOGY 540. *Educational Sociology*. Daily; (six weeks); three credits.

Analysis of the sociological foundations of education (organization, processes, values, goals, etc.). Emphasis is placed on social climate, groupings, teacher/learner social roles.

SOCIOLOGY 576. *The Contemporary Family*. Daily (six weeks); Three credits.

The family is studied in its structural aspects. Primary emphasis is upon the husband-wife, parent-child, and in-law relationships. Family behavior is related to occupational structure, religious orientation, educational patterns, and social stratification.

SPECIAL EDUCATION SERVICES

DR. CHRISTIANSEN, *Head of the Department*

SPECIAL EDUCATION

SPECIAL EDUCATION 340. *The Exceptional Child*. Daily; four credits.

An introductory course to the education and psychology of exceptional children. The nature, needs, and problems of exceptional children and how these relate to educational provisions are studied. Opportunities for work with exceptional children are provided.

SPECIAL EDUCATION 425. *Education of the Mentally Retarded*. Daily; three credits.

A study of programs of instruction for the mentally retarded from preschool to adult. Emphasis is on curricular adjustment, specialized instructional methods, and evaluation.

SPECIAL EDUCATION 512. *Behavior Management in the Classroom*. Daily; three credits.

An application of behavioral modification techniques to the control of discipline problems in the classroom. The use of these principles as an aid in learning is also stressed.

SPEECH PATHOLOGY

SPEECH PATHOLOGY 200. *Speech Correction*. Daily; three credits.

An introduction to the field of speech correction. Consideration is given to the cause and treatment of communication disorders, as well as clinical and classroom procedures in public school speech improvement and therapy programs. Opportunity for observation of activities in the Speech and Hearing Center is provided.

SPEECH PATHOLOGY 460. *Clinical Practicum in Speech Pathology*. Daily; three credits.

Clinical practice in the diagnosis and rehabilitation of communicatively handicapped children. Programs are individually structured to provide the student with a variety of clinical experiences. Individual supervision is maintained by staff consultants, with weekly group and individual conference scheduled.

GUIDANCE

GUIDANCE 520. *Fundamentals of Guidance and Counseling*. Daily; three credits.

A study of the basic principles and philosophies of guidance and counseling functions in public schools and elsewhere. Consideration

will be given to topics such as case studies, record keeping, testing, use of occupational and educational information, and techniques of counseling.

GUIDANCE 605. *Occupational and Educational Information.* Daily; three credits.

A survey of the sources of occupational information and their use in counseling individuals and groups; the philosophy and principles underlying the integration of occupational and educational guidance; the study of community job resources; and plants and industrial visits.



SPEECH AND DRAMA

DR. MOULTON, *Head of the Department*

SPEECH 200. *Oral Communication.* Two sections daily; (first-six weeks); one section daily; (first-four weeks), two credits.

A basic course in Speech, designed to enable the students to better express themselves in varied speech situations.

SPEECH 390. *Creativity.* One hour daily; three credits.

To acquaint students with their own creative abilities and expose them to various ideation techniques designed to sharpen the imagination. Excellent for teachers.

SPEECH 490. *Directed Studies.* Arranged. Two, three, or four credits.

Students may pursue individual research. Limited to majors or students who have been approved by the Departmental Chairman.

SPEECH 505C. *Technical Theatre Production.* (June 29-August 8), three credits.

A course designed for teachers and other interested persons in the organization, presentation, and direction of a theatre program. This course will be taught in conjunction with the development and presentation of a summer theatre production. College students and members of the community are invited to participate in this production.

SPECIAL NOTES:

The Speech and Drama Department will sponsor the Shenandoah Valley High School Forensic Institute July 19 through August 8, 1970. For further information please turn to the section on "Special Programs and Workshops."

The Department of Speech and Drama and the Madison College Summer Session will present a major dramatic production on the evenings of August 6, 7, 8, 1970. Mr. Herbert Patterson will direct the production.

Participants in the production will be Madison College Summer Session students, all of whom are welcome to try out. Watch bulletins for dates.

SCHEDULE OF COURSES

PERIOD 1—7:15-8:15

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
io. 110A	General Biology	Daily 1,2	B114	Heading	4
io. 110B	General Biology	Daily 1,2	B212	Garrison	4
io. 230	General Ecology	MTWTh 1,2	B215	Bodkin	3
io. 290N1	Human Anatomy (RMH)	Daily 1,2	B116	Grimm	4
io. 320	Comp. Vertebrate Anatomy	Daily 1,2	B108	Fisher	4
io. 360	Biological Instrumentation	MTWTh 1,2	B104	Graves	3
io. 670	Developmental Anatomy of Vascular Plants	Daily 1,2	B210	Ferry	4

COURSE SCHEDULE INFORMATION

Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 17-July 14).

Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 15-August 13).

Appearing in the left-hand margin indicates the courses offered during the three-week session (June 10-30).

Appearing in the left-hand margin indicates the courses offered during the six-week session (July 1-August 13).

All other courses are offered for eight weeks (June 17-August 13) unless a specific date has been indicated.

BA indicates "hours to be arranged" with the instructor.

BUILDINGS WHERE CLASSES HAVE BEEN ASSIGNED ARE INDICATED BY THE FOLLOWING SYMBOLS:

Ashby Gymnasium	K	Keezell Hall
Anthony-Seeger Campus School	KG	Keezell Gymnasium
Burruss Science Hall	L	Library
Blackwell Auditorium (Moody Hall)	LST	Latimer-Shaeffer Theater
Baker House	M	Maury Hall
Duke (Art Department)	Mo	Moody Hall
Duke (Music Department)	N	Nicholas House
Duke Theater Workshop	Pool	Keezell Hall
Field and Sports House	VH	Varner House
Harrison	W	Wilson Hall
Harrison Annex	WA	Wilson Auditorium
Johnston Hall Basement	WMRA	2nd Floor Alumnae Hall
	Z	Zirkel House

PERIOD 1—7:15-8:15 (Continued)

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
¹ Bus. Ed. 530	Advanced Studies in Business	Daily 1,2	HB105, 106	Walsh
² Bus. Ed. 600	Curriculum Construction in Business Education	Daily 1,2	HB3	Steagall
¹ Chem. 101A	General Chemistry	Daily 1,2,3,4	B314	Chappell
¹ Chem. 101B	General Chemistry	Daily 1,2,3,4	B301	Palocsay
² Chem. 102A	General Chemistry	Daily 1,2,3,4	B314	Chappell
² Chem. 102B	General Chemistry	Daily 1,2,3,4	B301	Palocsay
¹ Chem. 235	Organic Chemistry	Daily 1,2,3,4	HB102, B201	Simmons
² Chem. 236	Organic Chemistry	Daily 1,2,3,4	B201	Simmons
Econ. 220A	Survey of Economics	Daily	HA7	Wilhelm
Ed. 359	Reading in the Elementary School	Daily	M23	Kaslow
Ed. 360A	Foundations of Curr.	Daily	M11	Joyce
Ed. 370	Methods and Materials in Teaching in the Sec. School	Daily	W31	Landes
Ed. 510	Applied Arts in Ea. Chd. Education	Daily	ASCS	Dickerson
Ed. 658	Diagnostic and Remedial Tech. in Reading	Daily	NH	Goff
Eng. 101A	Reading and Composition	Daily	W39	Morley- Mower
Eng. 102A	Reading and Composition	Daily	W38	Zeiss
Eng. 234A	Introduction to Lit.	Daily	W33	Hallman
Eng. 235	Survey of English Lit.	Daily	M27	Farrar
Eng. 425	The American Novel to 1930	Daily	W32	Leigh
Eng. 520	Practice of Literary Criticism	Daily	W25	Adams
² Eng. 516	Bibliography & Methods of Research	7:15-10:15	M9	McMurray
¹ Fr. 231	Intermediate French	Daily 1,2	K16	Rauch
² Fr. 232	Intermediate French	Daily 1,2	K16	Rauch
¹ Ger. 231	Intermediate German	Daily 1 & 4	K14	Stewart
² Ger. 232	Intermediate German	Daily 1 & 4	K14	Stewart
Hist. 233A	United States History to 1877	Daily	HA5	McFarland
Hist. 234B	United States History since 1877	Daily	HA9	Gerome
Hist. 370	The Modern Middle East	Daily	HA6	Marshall
Hist. 602	United States Diplomatic History 1890-1941	Daily	HA208	Bland
Math. 107A	Fundamentals of Mathematics	Daily	B119	Staff
Math. 107B	Fundamentals of Mathematics	Daily	B320	Staff
Math. 108A	Fundamentals of Mathematics	Daily	B318	Staff
Math. 207	Basic Concepts of Algebra	MTWTh(1) MWF(2)	B8	Staff
Math. 350	Modern Algebra	Daily	B111	Hanson
Math. 511	Advanced Calculus	Daily	B117	Fisher
Mus. 200A	Mus. in General Culture	Daily	DM209	Staff
P.E. 160A	Elementary Swimming	Daily	Pool	Morrison
P.E. 225A	Tennis, Int. Tennis	Daily	KG	Rader
⁶ P.E. 510	Principles of Motor Learning	Daily 1,2 8:05-9:25	DA200	Bruce

PERIOD 1—7:15-8:15 (Continued)

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
Philosophy 360	Philosophy and Modern Lit.	Daily	W37	Callahan	3
Phys. Sci. 510	Earth Science	MTWTh 1,2,3 F 2,3	B206	Harnsberger	3
Psychology 233A	Human Growth and Development	Daily	W28	Olivas	3
Psychology 485	Psychology of Motivation	Daily	W24	Joniak	3
Psychology 628	Research in Adolescent Psychology	Daily 7:15-8:35	AS17	Winn	3
Intermediate Spanish 231	Intermediate Spanish	Daily 1,2	HA206	Conis	3
Intermediate Spanish 232	Intermediate Spanish	Daily 1,2	HA206	Conis	3
Oral Communication 200A	Oral Communication	Daily	Z6	Frantz	2

PERIOD 2—8:25-9:25

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
Drawing 150	Drawing	Daily 1,2	DA209	Wiesener	3
Art in General Culture 200	Art in General Culture	Daily	DA100	Caldwell	3
Painting 501A	Painting	Daily (June 17- July 2) 9:00-12:00	DA201	Coulter	1
Drawing 501B	Drawing	Daily (June 17- July 2) 9:00-12:00	DA105	Szmagaj	1
General Biology 110A	General Biology	Daily 1,2	B114	Heading	4
General Biology 110B	General Biology	Daily 1,2	B212	Garrison	4
General Ecology 230	General Ecology	MTWTh 1,2	B215	Bodkin	3
Human Anatomy (RMH) 290N1	Human Anatomy (RMH)	Daily 1,2	B116	Grimm	4
Comp. Vertebrate Anatomy 320	Comp. Vertebrate Anatomy	Daily 1,2	B108	Fisher	4
Biological Instrumentation 360	Biological Instrumentation	MTW 1,2	B104	Graves	2
Developmental Anatomy of Vascular Plants 670	Developmental Anatomy of Vascular Plants	Daily 1,2	B210	Ferry	4
Workshop in New Curriculum Patterns s. Ed. 510A	Workshop in New Curriculum Patterns	Daily 2-8 (June 21-26)	TBA	Dickerson Steagall	2
Workshop in New Curriculum Patterns s. Ed. 510B	Workshop in New Curriculum Patterns	Daily 2-8 (Aug. 2-7)	TBA	Dickerson Steagall	2
Workshop in Data Processing s. Ed. 510C	Workshop in Data Processing	WThF (Aug. 4-7)	TBA	Dickerson Steagall	1
Advanced Studies in Business Machines s. Ed. 530	Advanced Studies in Business Machines	Daily 1,2	HB105 HB106	Walsh	3
Curriculum Construction in Business Education s. Ed. 600	Curriculum Construction in Business Education	Daily 1,2	HB3	Steagall	3
General Chemistry em. 101A	General Chemistry	Daily 1,2,3,4	B314	Chappell	4
General Chemistry em. 101B	General Chemistry	Daily 1,2,3,4	B301	Palocsay	4
General Chemistry em. 102A	General Chemistry	Daily 1,2,3,4	B314	Chappell	4

PERIOD 2—8:25-9:25 (Continued)

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
² Chem. 102B	General Chemistry	Daily 1,2,3,4	B301	Palocsay
³ Chem. 235	Organic Chemistry	Daily 1,2,3,4	HB102, B201	Simmons
² Chem. 236	Organic Chemistry	Daily 1,2,3,4	B201	Simmons
Bus. Ad. 280	Introduction to Management	Daily	HA7	Burnett
Econ. 230	Principles of Economics	Daily	HA5	Mace
Econ. 501	Industry in Action	Daily 2,3,4	HA9	Wilhelm
Ed. 369	Methods and Materials in Teaching in the Elementary Grades	Daily	W31	Hopkins
Ed. 470A	History and Philosophy of Educational Thought Teaching Mathematics in the Elementary School	Daily	M23	Joyce
⁹ Ed. 530		Daily 9:00-12:00	M15	Neatroux
⁹ Ed. 609	The Elementary School Curriculum	Daily (8:45-10:05)	M28	Blair
² Ed. 612	Methods and Materials in Early Childhood Education	Daily (9-12)	AS17	Scherwitzky
⁹ Ed. 616	Practicum in Early Childhood Education	Daily 2,3	AS14A	Winn
⁹ Ed. 620	Comparative Education	Daily 8:45-10:05	M27	Lehman
³ Ed. 650	Supervision of Instruction	Daily 8:30-11:30	DM110	Poindexter
Eng. 101B	Reading and Composition	Daily	W33	Atkinson
Eng. 101C	Reading and Composition	Daily	W38	Wahlstrom
Eng. 102B	Reading and Composition	Daily	W32	Trent
Eng. 233A	Intro. to Lit.	Daily	W37	Leigh
Eng. 247	Survey of American Literature	Daily	M17	McNallie
Eng. 306	Literature of the New Testament	Daily	W39	Wade
³ Eng. 516	Bibliography and Methods of Research	Daily (7:15-10:15)	M9	McMurray
Eng. 630	English Literature of the 19th Century	Daily	W25	Mahler
¹ Fr. 105	Special Elementary French	Daily 2 & 4	Mo102	Perlman
² Fr. 106	Special Elementary French	Daily 2 & 4	Mo1	Perlman
¹ Fr. 231	Intermediate French	Daily 1,2	K16	Rauch
² Fr. 232	Intermediate French	Daily 1,2	K16	Rauch
¹ F.L. 550	Teaching of Foreign Languages	Daily 2,3	K14	Stewart
Geog. 120A	Introduction to Geography	Daily	HA11	Brown
Geol. 110A	Physical Geology	MTWTh 2,3	B208	Farmer
Hlth. 540	The Teaching of Sex Education (Workshop)	Daily 9-12, 2-5 June 10-19	HA205 HA10	Crawford McFarland
Hist. 233B	United States History to 1877	Daily	HA10	McFarland
Hist. 384	England and the Empire- Commonwealth	Daily	HA6	Wood
³ Hist. 501	Workshop in Colonial American History	Daily 9:00-12:00	HA12	Hallman
Hist. 526	Civil War and Reconstruction	Daily	HA208	Dingledine

PERIOD 2—8:25-9:25 (Continued)

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
E. 270	Management of Resources	MTWTh 2,3	Mo101	Driver	2
E. 384	Child Nutrition	MTWTh 2,3	Mo219	Christiansen	2
E. 590D	Occupational Workshop Child Care	Daily 8:30-12:00 (June 22-26)	Mo205	Rowe	1
E. 590E	Seminar in Dietetics Food & Its Relation to Health	Daily 8:30-12:00 (June 15-19)	Mo219	Christiansen	1
E. 590F	Seminar in Dietetics Nutrition Education	Daily 8:30-12:00 (Aug. 3-7)	Mo205	Rowe	1
E. 590G	Occupational Workshop Home Furnishings	Daily 8:30-12:00 (June 29- July 3)	Mo107, 109	Staff	1
E. 590H	Money Management Ed.	Daily 8:00-11:00 (July 20-24)	Mo101	Driver	1
E. 590I	Seminar in Dietetics Geriatric Nutrition	Daily 8:30-12:00 (July 27-31)	Mo205	Rowe	1
E. 680	Seminar in Supervision of Student Teachers in Voc. H.E.	Daily 8:30-11:10 (July 1-21)	Mo205	Rowe	3
E-Credit Workshop	Nutrition for Aging and Aged	Daily 8:30-12:00 (July 6-10)	Mo219 TBA	Christiansen Finlay	0 3
477	Reference and Bibliography	Daily	TBA	Finlay	3
Math. 107C	Fundamentals of Mathematics	Daily	B119	Staff	3
h. 107D	Fundamentals of Mathematics	Daily	B320	Staff	3
h. 108B	Fundamentals of Mathematics	Daily	B318	Staff	3
h. 125B	Introduction to College Math.	Daily	B117	Staff	3
h. 385	Intermediate Calculus	Daily	B111	Staff	3
h. 620	Topics in Geometry	Daily	B8	Ikenberry	3
h. 375A	Music for Children	Daily	DM103	Ohlsson	3
h. 611	Supervision & Administration of Music	Daily	DM200	Lyon	3
160B	Elementary Swimming	Daily	Pool	Mills	1
225B	Tennis, Int. Tennis	Daily	KG	Rader	1
226A	Golf, Int. Golf	Daily	FSH	Schell	1
370	Physical Education for Children	MTWTh	K6	Myers	2
510	Principles of Motor Learning	Daily 8:05-9:25	DA200	Bruce	3
545	(Workshop) New Developments in Physical Education in Elem. School	Daily 9:00-12:00 (June 20-30)	HA205	Crawford	3

PERIOD 2—8:25-9:25 (Continued)

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
P.E. 550	(Workshop) New Developments in Physical Education in Sec. Schools	Daily 9:00-12:00, 2:00-5:00 (June 20-30)	BA	Crawford
Phil. 240A	Introduction to Philosophy	Daily	M11	Callahan
¹ Phy. 121	General Physics	Daily 2,3,4,5	B12,15	Staff
² Phys. 122	General Physics	Daily 2,3,4,5	B12,15	Staff
P.S. 110	General Physical Science	Daily 2,3 2	B11 B14	Wells
Phys. Sci. 510	Earth Science	MTWTh 1,2,3; F 2,3	B206	Harnsberger
Pol. Sci. 110	Introduction to Pol. Science	Daily	HA4	Myers
³ Pol. Sci. 630	Sem. in State and Local Gov't.	Daily 2,3,4	HA207	Cline
Psy. 100N	Psychology for Students of Nursing	Daily	W28	Haynes
Psy. 233B	Human Growth and Development	Daily	W24	Moore
Psy. 479	Psychology of Learning	Daily	W21	Joniak
Psy. 520	Personality Dynamics	Daily	M22	Hart
⁴ Psy. 628	Research in Adolescent Psychology	Daily 7:15-8:35	AS17	Winn
⁶ Psy. 648	Research in Human Development	Daily 8:45-10:05	W22	Caldwell
³ Sci. 512	Natural Resources Conservation	Daily 2,3,4,5,6	B201	Mundie
Sp. 231	Intermediate Spanish	Daily 1,2	HA206	Conis
Sp. 232	Intermediate Spanish	Daily 1,2	HA206	Conis
⁵ Spch. 200B	Oral Communication	Daily	DM104	Moulton
¹ Spch. Pa. 200	Information Speech Correction	Daily	BK	Morris

PERIOD 3—9:35-10:35

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
Art 122	Metal and Jewelry	Daily 3,4	DA1	Beer
Art 255	Photography	Daily 3,4	DA206, 207	Wiesener
Art 310	Art Act. in the Elem. Sch.	MWF 3,4 TTh 3	DA100 DA103	Theodore
Art 501A	Painting (June 17-July 2)	Daily 9:00-12:00	DA201	Coulter
Art 501B	Drawing (June 17-July 2)	Daily 9:00-12:00	DA105	Szmagaj
Bio. 110C	General Biology	Daily 3,4	B114	Garrison
Bio. 110D	General Biology	Daily 3,4	B212	Silver
Bio. 120	General Zoology	Daily 3,4	B215	Jones
Bio. 130	General Botany	Daily 3,4	B210	Ferry

PERIOD 3—9:35-10:35 (Continued)

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
.280	General Microbiology	Daily 3,4	B214	Trelawny	4
.290N2	Human Anatomy (RMH)	Daily 3,4	B116	Graves	4
.510	Animal Ecology	MTWTh 3,4	B108	Fisher	3
.516	Vertebrate Embryology	Daily 3,4	B103	Davis	4
.690	Insect Ecology	MTWTh 3,4	B211 B14	Grimm	3
Ad. 487	Marketing	Daily	HA11	Burnett	3
s. Ed. 510A	Workshop in New Curriculum Patterns	Daily 2-8 (June 21-26)	TBA	Dickerson Steagall	2
Ed. 510B	Workshop in New Curriculum Patterns	Daily 2-8 (Aug. 2-7)	TBA	Dickerson Steagall	2
Ed. 510C	Workshop in Data Processing	WThF 2-8 (Aug. 4-7)	TBA	Dickerson Steagall	1
Ed. 540	Seminar in Automated Data Processing	Daily 3,4	HB2	Coffman	3
Ed. 610	Problems in Business Education	Daily 3,4	HB3	Dickerson	3
Ed. 640	Seminar in Computer Systems	Daily 3,4	HB2	Coffman	3
m. 101A	General Chemistry	Daily 1,2,3,4	B314	Chappell	4
m. 101B	General Chemistry	Daily 1,2,3,4	B301	Palocsay	4
m. 102A	General Chemistry	Daily 1,2,3,4	B314	Chappell	4
m. 102B	General Chemistry	Daily 1,2,3,4	B301	Palocsay	4
m. 235	Organic Chemistry	Daily 1,2,3,4	HB102, B201	Simmons	4
m. 236	Organic Chemistry	Daily 1,2,3,4	B201	Simmons	4
n. 235	Principles of Economics	Daily	HA5	Mace	3
n. 501	Industry in Action	Daily 2,3,4	HA9	Wilhelm	3
358	Arithmetic in the Elementary School	Daily	M11	Hopkins	3
360B	Foundations of Curriculum	Daily	W39	Landes	3
530	Teaching Mathematics in the Elementary School	Daily 9:00-12:00	M15	Neatrou	3
538	Teaching the Social Studies in the Secondary School	Daily 10:15-11:35	M9	Graham	3
609	The Elementary School Curriculum	Daily 8:45-10:05	M28	Blair	3
612	Methods and Materials in Early Childhood Education	Daily 9:00-12:00	AS17	Scherwitzky	3
616	Practicum in Early Childhood Education	Daily 2,3	AS14A	Winn	3
620	Comparative Education	Daily 8:45-10:05	M27	Lehman	3
640	The Fundamentals of Educational Administration	Daily 10:15-11:35	M27	Poindexter	3
650	Supervision of Instruction	Daily 8:30-11:30	DM110	Poindexter	3

PERIOD 3—9:35-10:35 (Continued)

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
Eng. 101D	Reading and Composition	Daily	W37	Farrar
Eng. 101E	Reading and Composition	Daily	W38	Wilkins
Eng. 234B	Introduction to Literature	Daily	W31	Zeiss
Eng. 310	Chaucer	Daily	W33	Cavanaugh
Eng. 420	Modern English Grammar	Daily	W32	Curtis
³ Eng. 516	Bibliography and Methods of Research	Daily 7:15-10:15	M9	McMurray
⁶ Eng. 601	Shakespeare	Daily 10:15-11:35	W25	Locke
¹ F.L. 550	Teaching of Foreign Languages	Daily 2,3	K14	Stewart
Geol. 110A	Physical Geology	MTWTh 2,3 F 3	B208	Farmer
Hth. 200A	Personal and Community Health	MTWTh	DM104	Schell
Hth. 203	Safety and First Aid	Daily	J	Long
Hth. 540	The Teaching of Sex Education (Workshop)	Daily 9:00-12:00, 2:00-5:00 (June 10-19)	HA205	Crawford
Hist. 234A	United States History since 1877	Daily	HA7	Bland
Hist. 255	History of Civilization to 1650	Daily	HA6	Marshall
³ Hist. 501	Workshop in Colonial American History	Daily 9:00-12:00	HA12	Hallman
Hist. 545	Latin America and the United States	Daily	HA208	Gerome
¹ H.E. 270	Management of Resources	MTWTh 2,3	Mo101	Driver
² H.E. 384	Child Nutrition	MTWTh 2,3	Mo219	Christiansen
H.E. 590D	Occupational Workshop Child Care	Daily 8:30-12:00 (June 22-26)	Mo205	Rowe
H.E. 590E	Seminar in Dietetics Food & Its Relation to Health	Daily 8:30-12:00 (June 15-19)	Mo219	Christiansen
H.E. 590F	Seminar in Dietetics Nutrition Education	Daily 8:30-12:00 (Aug. 3-7)	Mo205	Rowe
H.E. 590G	Occupational Workshop Home Furnishings	Daily 8:30-12:00 (June 29- July 3)	Mo107 Mo109	Staff
H.E. 590H	Money Management Ed.	Daily 8:00-11:00 (July 20-24)	Mo101	Driver
H.E. 590I	Seminar in Dietetics Geriatric Nutrition	Daily 8:30-12:00 (July 27-31)	Mo205	Rowe

PERIOD 3—9:35-10:35 (Continued)

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
E. 680	Seminar in Supervision of Student Teachers in Voc. H.E.	Daily 8:30-11:10 (July 1-21)	Mo205	Rowe	3
Non-Credit Workshop	Nutrition for Aging and Aged	Daily 8:30-12:00 (July 6-10)	Mo219	Christiansen	0
Latin 458	Classical Civilization	Daily 9:35-12:35	K6	Lisle	3
English 240A	Children's Literature	Daily	TBA	Mason	3
English 354	Young People's Literature	Daily	TBA	Riddle	3
Math. 107E	Fundamentals of Mathematics	Daily	B119	Staff	3
Math. 107F	Fundamentals of Mathematics	Daily	B320	Staff	3
Math. 108C	Fundamentals of Mathematics	Daily	B8	Staff	3
Math. 126	Introduction to College Math.	Daily	B117	Fisher	3
Math. 360	Linear Algebra	Daily	B318	Staff	3
Math. 635	Topology I	Daily	B111	Hanson	3
Music 200-B	Mus. in General Culture	Daily	DM209	Staff	3
Music 542	Modern Harmony & Composition	Daily	DM103	Anderson	3
Music 570	Analytical Studies in Music Lit.	Daily	DM103	Anderson	3
Physical Ed. 160C	Elementary Swimming	Daily	Pool	Morrison	1
Physical Ed. 225C	Tennis, Int. Tennis	Daily	KG	Rader	1
Physical Ed. 226B	Golf, Int. Golf	Daily	FSH	Mills	1
Physical Ed. 545	(Workshop) New Development in Physical Education in Elem. Schools	Daily 9:00-12:00, 2:00-5:00 (June 20-30)	HA205	Crawford	3
Physical Ed. 550	(Workshop) New Developments in Physical Education in Sec. Schools	Daily 9:00-12:00, 2:00-5:00 (June 20-30)	BA	Crawford	3
Physical Sci. 110	General Physical Science	Daily 2,3	B11	Wells	4
Physical Sci. 510	Earth Science	MTWTh 1,2,3 F 2,3	B206	Harnsberger	3
Physical Sci. 510	Theoretical Physics	Daily	B2	Staff	3
Political Sci. 630	Sem. in State and Local Gov't.	Daily 2,3,4	HA207	Cline	3
Psychology 231	General Psychology	Daily	W24	Bilsky	3
Psychology 234	Human Growth and Development	Daily	W21	Olivas	3
Psychology 357	Psychology of Personality	Daily 3,4	W28	Mundy	3
Psychology 358	Abnormal Psychology	Daily 3,4	W28	Moore	3
Psychology 648	Research in Human Development	Daily 8:45-10:05	W22	Caldwell	3
Physical Ed. 512	Natural Resources Conservation	Daily 2,3,4,5,6	B201	Mundie	3

PERIOD 3—9:35-10:35 (Continued)

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
³ Soc. 530	The Negro in America	Daily 3,4,5	H4	Smith
⁶ Soc. 576	The Contemporary Family	Daily 10:15-11:35	H4	Napp
Soc. 425	Criminology	Daily	H10	Whitmer
Sp. Ed. 425	Education of the Mentally Retarded	Daily	M23	Christiansen
¹ Sp. 200C	Oral Communication	Daily 9:35-10:55	Z6	Frantz

PERIOD 4—10:45-11:45

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
Art 122	Metal and Jewelry	Daily 3,4	DA1	Beer
Art 255	Photography	Daily 3,4	DA206 207	Wiesener
Art 310	Art Act. in the Elem. Sch.	MWF 3,4 TTh 3	DA100 DA103	Theodore Caldwell
Art 405	Art History: Modern Art	Daily	DA200	
Art 501A	Painting	Daily 9:00-12:00 (June 17- July 2)	DA201	Coulter
Art 501B	Drawing	Daily 9:00-12:00 (June 17- July 2)	DA105	Szmagaj
Bio. 110C	General Biology	Daily 3,4	B114	Garrison
Bio. 110D	General Biology	Daily 3,4	B212	Silver
Bio. 120	General Zoology	Daily 3,4	B215	Jones
Bio. 130	General Botany	Daily 3,4	B210	Ferry
Bio. 280	General Microbiology	Daily 3,4	B214	Trelawny
Bio. 290N2	Human Anatomy (RMH)	Daily 3,4	B116	Graves
Bio. 510	Animal Ecology	MTWTh 3,4	B108	Fisher
Bio. 516	Vertebrate	Daily 3,4	B103	Davis
Bio. 690	Insect Ecology	MTWTh 3,4	B211 B14	Grimm
Bus. Ed. 510A	Workshop in New Curriculum Patterns	Daily 2-8 (June 21-26)	TBA	Dickerson Steagall
Bus. Ed. 510B	Workshop in New Curriculum Patterns	Daily 2-8 (Aug. 2-7)	TBA	Dickerson Steagall
Bus. Ed. 510C	Workshop in Data Processing	WThF 2-8 (Aug. 4-7)	TBA	Dickerson Steagall
¹ Bus. Ed. 540	Seminar in Automated Data Processing	Daily 3,4	HB2	Coffman
² Bus. Ed. 610	Problems in Business Education	Daily 3,4	HB3	Dickerson
² Bus. Ed. 640	Seminar in Computer Systems	Daily 3,4	HB2	Coffman

PERIOD 4—10:45-11:45 (Continued)

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
Chem. 101A	General Chemistry	Daily 1,2,3,4	B314	Chappell	4
Chem. 101B	General Chemistry	Daily 1,2,3,4	B301	Palocsay	4
Chem. 102A	General Chemistry	Daily 1,2,3,4	B314	Chappell	4
Chem. 102B	General Chemistry	Daily 1,2,3,4	B301	Palocsay	4
Chem. 235	Organic Chemistry	Daily 1,2,3,4	HB102, B201	Simmons	4
Chem. 236	Organic Chemistry	Daily 1,2,3,4	B201	Simmons	4
History 501	Industry in Action	Daily 2,3,4	HA9	Wilhelm	3
Education 470B	History and Philosophy of Educational Thought	Daily	M28	Joyce	3
Education 495S	Teaching Problems	Daily	W39	Blair	3 or 6
Education 530	Teaching Mathematics in the Elementary School	Daily 9:00-12:00	M15	Neatrouer	3
Education 538	Teaching the Social Studies in the Secondary School	Daily 10:15-11:35	M9	Graham	3
Education 612	Methods and Materials in Early Childhood Education	Daily 9:00-12:00	AS17	Scherwitzky	3
Education 616	Practicum in Early Childhood Education	Daily 8:45-11:35	AS14A	Winn	3
Education 640	The Fundamentals of Educational Administration	Daily 10:15-11:35	M27	Poindexter	3
Education 650	Supervision of Instruction	Daily 8:30-11:30	DM110	Poindexter	3
English 101F	Reading and Composition	Daily	W33	Hallman	3
English 101G	Reading and Composition	Daily	W32	Leigh	3
English 233B	Introduction to Literature	Daily	W31	Atkinson	3
English 234C	Introduction to Literature	Daily	W22	Morley- Mower	3
English 248	Survey of American Literature	Daily	W38	Wilkins	3
English 360	Studies in Comparative Lit.	Daily	W37	Cavanaugh	3
English 601	Shakespeare	Daily 10:15-11:35	W25	Locke	3
English 660	Studies in 17th Century Lit.	Daily	M11	Poindexter	3
French 105	Special Elementary French	Daily 2 & 4	Mo102	Perlman	3
French 106	Special Elementary French	Daily 2 & 4	Mo1	Perlman	3
French 250	French Conversation and Advanced Composition	Daily	K16	Rauch	3
Geography 120B	Introduction to Geography	Daily	HA11	Brown	3
Geology 110B	Physical Geology	MTWTh 4,5 F 4	B208	Harnsberger	4
Geology 120	Historical Geology	MTWTh 4,5 F 4	B206	Farmer	4
German 231	Intermediate German	Daily 1 & 4	K14	Stewart	3
German 232	Intermediate German	Daily 1 & 4	K14	Stewart	3
Guidance 520	Fundamentals of Guidance and Counseling	Daily	M23	Christiansen	3
History 233C	United States History to 1877	Daily	HA5	Dingledine	3
History 256	History of Civilization since 1650	Daily	HA7	Marshall	3

PERIOD 4—10:45-11:45 (Continued)

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
Hist. 363	History of Africa	Daily	HA6	McFarland
³ Hist. 501	Workshop in Colonial American History	Daily 9:00-12:00	HA12	Hallman
⁴ Hist. 532	The United States and the Contemporary World	Daily 11:55-1:15	HA208	Henderson
Hist. 630	Europe in the Era of World War I	Daily	HB205	Wood
H.E. 470	Home Management Residence	Daily 11:15-1:35	VH	Driver
H.E. 590D	Occupational Workshop Child Care	Daily 8:30-12:00 (June 22-26)	Mo205	Rowe
H.E. 590E	Seminar in Dietetics Food & Its Relation to Health	Daily 8:30-12:00 (June 15-19)	Mo219	Christiansen
H.E. 590F	Seminar in Dietetics Nutrition Education	Daily 8:30-12:00 (Aug. 3-7)	Mo205	Rowe
H.E. 590G	Occupational Workshop Home Furnishings	Daily 8:30-12:00 (June 29- July 3)	Mo107 Mo109	Staff
H.E. 590H	Money Management Education	Daily 8:00-11:00 (July 20-24)	Mo101	Driver
H.E. 590I	Seminar in Dietetics Geriatric Nutrition	Daily 8:30-12:00 (July 27-31)	Mo205	Rowe
H.E. 680	Seminar in Supervision of Student Teachers in Voc. H.E.	Daily 8:30-11:10 (July 1-21)	Mo205	Rowe
Non-Credit Workshop	Nutrition for Aging and Aged	Daily 8:30-12:00 (July 6-10)	Mo219	Christiansen
Hth. 200B	Personal and Community Health	MTWTh	DM104	Schell
Hth. 304	Traffic and Driver Safety	Daily	J	Long
Hth. 540	The Teaching of Sex Education (Workshop)	Daily 9:00-12:00, 2:00-5:00 (June 10-19)	HA205	Crawford
L.S. 240B	Children's Literature	Daily	TBA	Finlay
L.S. 370A	Audio-Visual Materials	Daily	TBA	Mason
³ Latin 458	Classical Civilization	Daily 9:35-12:35	K6	Lisle

PERIOD 4—10:45-11:45 (continued)

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
Math. 107G	Fundamentals of Mathematics	Daily	B119	Staff	3
Math. 125A	Introduction to College Math.	Daily	B320	Staff	3
Math. 208	Basic Concepts of Geometry	MTWTh (1) MWF (2)	B318	Sanders	2
Math. 220	Elementary Statistics	Daily	B117	Staff	3
Math. 235	Analytic Geometry & Calculus	Daily 4,5	B8	Staff	5
Math. 600	Foundations of Mathematics	Daily	B111	Staff	3
Aus. 200C	Music in General Culture	Daily	DM209	Watkins	3
Aus. 375B	Music for Children	Daily	DM103	Watkins	3
Aus. 610	Research & Trends in Music Ed.	Daily	DM200	Lyon	3
P.E. 226C	Golf, Int. Golf	Daily	FSH	Mills	1
P.E. 545	(Workshop) New Developments in Physical Education in Elem. Schools	Daily 9:00-12:00 (June 20-30)	HA205	Crawford	3
P.E. 550	(Workshop) New Developments in Physical Education in Sec. Schools	Daily 9:00-12:00, 2:00-5:00 (June 20-30)	BA	Crawford	3
Pol. Sci. 630	Sem. in State and Local Gov't.	Daily 2,3,4	HA207	Cline	3
Psy. 357	Psychology of Personality	Daily 3,4	W28	Mundy	3
Psy. 358	Abnormal Psychology	Daily 3,4	W28	Moore	3
Psy. 488	Mental Tests and Measurements	Daily	W24	Haynes	3
Sci. 310	Science in the Elem. School	Daily 4,5	B11	Wells	4
Sci. 512	Natural Resources Conservation	Daily 2,3,4,5,6	B201	Mundie	3
Soc. 530	The Negro in America	Daily 3,4,5	H4	Smith	3
Soc. 576	The Contemporary Family	Daily 10:15-11:35	H4	Napp	3
Soc. 250	Social Problems	Daily	H10	Whitmer	3
Soc. Ed. 512	Behavior Management in the Classroom	Daily	M17	Kidd	3
Speech. 200C	Oral Communication	Daily 9:35-10:55	Z6	Frantz	2
Speech. 390	Creativity	Daily	Z7	Moulton	3
Speech. Pa. 460	Speech Correction Practicum	Daily	BK	Morris	3

PERIOD 5—11:55-12:55

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
Art 501A	Painting	Daily 9:00-12:00 (June 17- July 2)	DA201	Coulter	1

PERIOD 5—11:55-12:55 (Continued)

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
Art 501B	Drawing	Daily 9:00-12:00 (June 17- July 2)	DA105	Szmagaj
Bus. Ed. 510A	Workshop in New Curriculum Patterns	Daily 2-8 (June 21-26)	TBA	Dickerson Steagall
Bus. Ed. 510B	Workshop in New Curriculum Patterns	Daily 2-8 (Aug. 2-7)	TBA	Dickerson Steagall
Bus. Ed. 510C	Workshop in Data Processing	WThF (Aug. 4-7)	TBA	Dickerson Steagall
Bus. Ed. 520	Advanced Studies in Basic Business Subjects	Daily	HB3	Dickerson
Bus. Ad. 489	Personnel Administration	Daily	HA7	Burnett
Econ. 220B	Survey of Economics	Daily	HA5	Mace
Ed. 360C	Foundations of Curriculum	Daily	M11	Kaslow
⁹ Ed. 502	The Elementary School Reading Program	Daily 11:55-1:15	AS17	Scherwitzky
Ed. 505	The Role of the School in Society	Daily	M22	Graham
Ed. 607	Secondary School Curriculum and Co-Curriculum	Daily	M28	Lehman
³ Ed. 530	Teaching Mathematics in the Elementary School	Daily 9:00-12:00	M15	Neatroun
³ Ed. 612	Methods and Materials in Early Childhood Education	Daily 9:00-12:00	AS17	Scherwitzky
Ed. 660	Practicum in Diagnostic and Remedial Techniques in Reading	Daily	N	Goff
Eng. 101H	Reading and Composition	Daily	W37	McNallie
Eng. 101J	Reading and Composition	Daily	W31	Wilkins
Eng. 233C	Introduction to Literature	Daily	W39	Trent
Eng. 460	Seminar in English Literature	Daily	W25	Mahler
Eng. 590	Studies in Old English	Daily	W33	Foley
Geol. 110B	Physical Geology	MTWTh 4,5	B208	Harnsberger
Geol. 120	Historical Geology	MTWTh 4,5	B206	Farmer
Guid. 605	Occupational and Educational Information	Daily	M23	Shafer
Hth. 200C	Personal and Community Health	MTWTh	DM104	Rader
Hth. 540	The Teaching of Sex Education (Workshop)	Daily 9:00-12:00, 2:00-5:00 (June 10-19)	HA205	Crawford

PERIOD 5—11:55-12:55 (Continued)

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
Hist. 501	Workshop in Colonial American History	Daily 9:00-12:00	HA12	Hallman	3
Hist. 532	The United States and the Contemporary World	Daily 11:55-1:15	HA208	Henderson	3
H.E. 590D	Occupational Workshop Child Care	Daily 8:30-12:00 (June 22-26)	Mo205	Rowe	1
H.E. 590E	Seminar in Dietetics Food and Its Relation to Health	Daily 8:30-12:00 (June 15-19)	Mo219	Christiansen	1
H.E. 590F	Seminar in Dietetics Nutrition Education	Daily 8:30-12:00 (Aug. 3-7)	Mo205	Rowe	1
H.E. 590G	Occupational Workshop Home Furnishings	Daily 8:30-12:00 (June 29- July 3)	Mo107 Mo109	Staff	1
H.E. 590I	Seminar in Dietetics Geriatric Nutrition	Daily 8:30-12:00 (July 27-31)	Mo205	Rowe	1
H.E. Non-Credit Workshop	Nutrition for Aging and Aged	Daily 8:30-12:00 (July 6-10)	Mo219	Christiansen	0
Latin 458	Classical Civilization	Daily 9:35-12:35	K6	Lisle	3
.S. 365	Organization of Materials	Daily	TBA	Finlay	3
.S. 478	Cataloging	Daily	TBA	Riddle	3
Math. 107H	Fundamentals of Mathematics	Daily	B119	Staff	3
Math. 235	Analytic Geometry & Calculus	Daily 4,5	B8	Staff	5
Math. 525	Numerical Analysis	Daily	B318	Sanders	3
Mus. 562	Music of the Romantic Period	Daily	DM103	Anderson	3
P.E. 264	Lifesaving	MTWTh	Pool	Lipton	1
P.E. 545	(Workshop) New Developments in Physical Education in Elem. Schools	Daily 9:00-12:00, 2:00-5:00 (June 20-30)	HA205	Crawford	3
P.E. 550	(Workshop) New Developments in Physical Education in Sec. Schools	Daily 9:00-12:00, 2:00-5:00	BA	Crawford	3

PERIOD 5—11:55-12:55

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
Phil. 240B	Introduction to Philosophy	Daily	W32	Wade
¹ Phys. 121	General Physics	Daily 2-5	B12,15	Staff
² Phys. 122	General Physics	Daily 2-5	B12,15	Staff
Phys. 640	Electrodynamics	Daily	B2	Staff
⁶ Pol. Sci. 650	Comparative World Gov't.	Daily 11:55-1:15	HA207	Myers
Psy. 232	General Psychology	Daily	W24	Bilsky
Psy. 369	Psychology of Early Childhood	Daily	AS14A	Dickerson
Psy. 522	Advanced Abnormal Psychology	Daily	W22	Hart
Psy. 670	Individual and Group Tests	Daily	W28	Mundy
Sci. 310	Science in the Elem. School	Daily 4,5	B11	Wells
³ Sci. 512	Natural Resources Conservation	Daily 2-6	B201	Mundie
³ Soc. 530	The Negro in America	Daily 3,4,5	H4	Smith
⁶ Soc. 540	Educational Sociology	Daily 11:55-1:15	H9	Stone
Soc. 139	Principles of Sociology	Daily	H10	Napp
Spec. Ed. 340	The Exceptional Child	Daily	M17	Kidd

PERIOD 6—1:40-2:40

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
Art 160	Introductory Painting	Daily 6,7	DA201	Coulter
Art 360	Painting	Daily 6,7	DA201	Coulter
Art 460	Painting	Daily 6,7	DA201	Coulter
Art 501C	Sculpture	Daily 1:00-4:00 (June 17- July 2)	DA4	Beer
Art 501D	Printmaking	Daily 1:00-4:00 (June 17- July 2)	DA1	Szmagaj
Art 501E	Watercolor	Daily 1:00-4:00 (June 17- July 2)	DA105	Theodore
Bio. 330	Genetics	Daily 6,7	B212, 211	Jones
Bio. 685	Spermatophyte Taxonomy	MTWTh 6,7	B210	Bodkin
Bus. Ed. 510A	Workshop in New Curriculum Patterns	Daily 2-8 (Aug. 3-7)	TBA	Dickerson Steagall
Bus. Ed. 510B	Workshop in New Curriculum Patterns	WThF 2-8 (Aug. 5-7)	TBA	Dickerson Steagall

PERIOD 6—1:40-2:40

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
Bus. Ed. 510C	Workshop in Data Processing	WThF (Aug. 4-7)	TBA	Dickerson Steagall	1
Ed. 501	Seminar in Educational Television	Daily 1:00-4:00	AS17	Heeb	3
Ed. 630	Research Methods in Education	Daily	M23	Shafer	3
Hth. 540	The Teaching of Sex Education (Workshop)	Daily 2:00-5:00 (June 10-19)	HA205	Crawford	3
H.E. 330	Family Relations	Daily	Mo101	Staff	3
L.S. 366	Administration of School Libraries	Daily	TBA	Riddle	3
L.S. 370B	Audio-Visual Materials	Daily	TBA	Mason	3
P.E. 162A P.E. 545	Beginning Swimming (Workshop) New Developments in Physical Education in Elem. Schools	Daily	Pool	Bruce	1
P.E. 550	(Workshop) New Developments in Physical Education in Sec. Schools	Daily 2:00-5:00 (June 20-30)	HA205	Crawford	3
P.E. 620	Administration of Physical and Health Education	Daily 2:00-5:00 (June 20-30)	BA	Crawford	3
Sci. 512	Natural Resources Conservation	Daily 1:40-3:00	DA200	Lipton	3
		Daily 2,3,4,5,6	B201	Mundie	3

PERIOD 7—2:50-3:50

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
Art 160	Introductory Painting	Daily 6,7	DA201	Coulter	3
Art 360	Painting	Daily 6,7	DA201	Coulter	3
Art 460	Painting	Daily 6,7	DA201	Coulter	3
Art 501C	Sculpture	Daily 1:00-4:00 (June 17- July 2)	DA4	Beer	1
Art 501D	Printmaking	Daily 1:00-4:00 (June 17- July 2)	DA1	Szmagaj	1

PERIOD 7—2:50-3:50 (Continued)

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
Art 501E	Watercolor	Daily 1:00-4:00 (June 17- July 2)	DA105	Theodore
Bio. 330	Genetics	Daily 6,7	B212, 211	Jones Bodkin
Bio. 685	Spermatophyte Taxonomy	MTWTh 6,7	B210	
Bus. Ed. 510A	Workshop in New Curriculum Patterns	Daily 2-8 (June 21-26)	TBA	Dickerson Steagall
Bus. Ed. 510B	Workshop in New Curriculum Patterns	Daily 2-8 (Aug. 2-7)	TBA	Dickerson Steagall
Bus. Ed. 510C	Workshop in Data Processing	WThF (Aug. 4-7)	TBA	Dickerson Steagall
³ Ed. 501	Seminar in Educational Television	Daily 1:00-4:00	AS17	Heeb
Hth. 540	The Teaching of Sex Education	Daily 2:00-5:00 (June 10-19)	HA205	Crawford
P.E. 545	(Workshop) New Developments in Physical Education in Elem. School	Daily 2:00-5:00 (June 20-30)	HA205	Crawford
P.E. 550	(Workshop) New Developments in Physical Education in Sec. School	Daily 2:00-5:00 (June 20-30)	BA	Crawford
⁴ P.E. 620	Administration of Physical and Health Education	Daily 1:40-3:00	DA200	Lipton

PERIOD 8—4:00-5:00

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>
Art 501C	Sculpture	Daily 1:00-4:00 (June 17- July 2)	DA4	Beer
Art 501D	Printmaking	Daily 1:00-4:00 (June 17- July 2)	DA1	Szmagaj

PERIOD 8—4:00-5:00

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
Art 501E	Watercolor	Daily 1:00-4:00 (June 17- July 2)	DA105	Theodore	1
Bus. Ed. 510A	Workshop in New Curriculum Patterns	Daily 2-8 (Aug. 3-7)	TBA	Dickerson Steagall	2
Bus. Ed. 510B	Workshop in New Curriculum Patterns	Daily 2-8 (Aug. 5-7)	TBA	Dickerson Steagall	2
Bus. Ed. 510C	Workshop in Data Processing	WThF 2-8 (Aug. 4-7)	TBA	Dickerson Steagall	1
Ed. 501	Seminar in Educational Television	Daily 1:00-4:00	AS17	Heeb	3
Hth. 540	The Teaching of Sex Education (Workshop)	Daily 2:00-5:00 (June 10-19)	HA205	Crawford	3
P.E. 545	(Workshop) New Developments in Physical Education in Elem. School	Daily 2:00-5:00 (June 20-30)	HA205	Crawford	3
P.E. 550	(Workshop) New Developments in Physical Education in Sec. School	Daily 2:00-5:00 (June 20-30)	BA	Crawford	3

COURSES OFFERED DURING THE FIRST FOUR-WEEK SESSION

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>	<i>C</i>
BUSINESS EDUCATION					
530	Advanced Studies in Business Machines	Daily 1,2	HB105, 106	Walsh	
540	Seminar in Automated Data Processing	Daily 3,4	HB2	Coffman	
CHEMISTRY					
101A	General Chemistry	Daily 1,2,3,4	B314	Chappell	
101B	General Chemistry	Daily 1,2,3,4	B301	Palocsay	
235	Organic Chemistry	Daily 1,2,3,4	HB102 B201	Simmons	
ENGLISH					
572	Contemporary Approaches to Grammar	Daily TBA		Curtis	
FOREIGN LANGUAGES					
550	Teaching of Foreign Languages	Daily 2,3	K14	Stewart	
FRENCH					
105	Special Elementary French	Daily 2 & 4	Mo102	Perlman	
231	Intermediate French	Daily 1 & 2	K16	Rauch	
GEOLOGY					
510	Earth Science	MTWTh 1,2,3 F 2,3	B206	Harnsberger	
GERMAN					
231	Intermediate German	Daily 1 & 4	K14	Stewart	
HOME ECONOMICS					
270	Management of Resources	MTWTh 2,3 (1 hr. & 40 min.)	Mo101	C. Driver	
PHYSICS					
121	General Physics	Daily 2,5	B12,15	Staff	
PSYCHOLOGY					
357	Psychology of Personality	Daily 3,4	W28	Mundy	
SPANISH					
231	Intermediate Spanish	Daily 1,2	HA206	Conis	

COURSES OFFERED DURING THE SECOND FOUR-WEEK SESSION

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
BUSINESS EDUCATION					
600	Curriculum Construction in Business Education	Daily 1,2	HB3	Steagall	3
610	Problems in Business Education	Daily 3,4	HB3	Dickerson	3
640	Seminar in Computer Systems	Daily 3,4	HB2	Coffman	3
CHEMISTRY					
102A	General Chemistry	Daily 1,2,3,4	B314	Chappell	4
102B	General Chemistry	Daily 1,2,3,4	B301	Palocsay	4
236	Organic Chemistry	Daily 1,2,3,4	B201	Simmons	4
FRENCH					
232	Intermediate French	Daily 1,2	K16	Rauch	3
106	Special Elementary French	Daily 2,4	Mo1	Perlman	3
GERMAN					
232	Intermediate German	Daily 1,4	K14	Stewart	3
HOME ECONOMICS					
384	Child Nutrition	MTWTh 2,3 8:25-10:05	Mo219	Christiansen	2
PHYSICS					
122	General Physics	Daily 2,3,4,5	B12,15	Staff	4
PSYCHOLOGY					
358	Abnormal Psychology	Daily 3,4	W28	Moore	3
SPANISH					
232	Intermediate Spanish	Daily 1,2	HA206	Conis	3

COURSES OFFERED DURING THE THREE-WEEK SESSION

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>	<i>Cr.</i>
ECONOMICS					
501	Industry in Action	Daily 2,3,4	HA9	Wilhelm	3
EDUCATION					
501	Seminar in Educational Television	Daily 1-4 p.m.	AS17	Heeb	3
530	Teaching Mathematics in the Elementary School	Daily 9-12 noon	Mo15	Neatroux	3
612	Methods and Materials in Early Childhood Education	Daily 9-12 noon	AS17	Scherwitzky	3
650	Supervision of Instruction	Daily 8:30-11:30	DM110	Poindexter	3
ENGLISH					
516	Bibliography and Methods of Research	Daily 7:15-10:15	M9	McMurray	3
HISTORY					
501	Workshop in Colonial American History	Daily 9-12 noon	HA12	Hallman	3
HOME ECONOMICS					
680	Seminar in Supervision of Student Teachers in Vocational Home Economics	(8:30-11:10) (July 1-21)	Mo205	Rowe	3
LATIN					
458	Classical Civilization	Daily 3,4,5 9:35-12:35		Lisle	
POLITICAL SCIENCE					
630	Seminar in State and Local Government	Daily 2,3,4	HA207	Cline	
SOCIOLOGY					
530	The Negro in America	Daily 3,4,5	HA4	Smith	

COURSES OFFERED DURING THE SIX-WEEK SESSION

Department Course No.	Course Title	Day Period	Building Room No.	Instr.	Cr.
EDUCATION					
502	The Elementary School Reading Program	Daily 4	AS17	Scherwitzky	3
538	Teaching the Social Studies in the Secondary School	Daily 3	M9	Graham	3
609	The Elementary School Curriculum	Daily 2	M38	Blair	3
616	Practicum in Early Childhood Education	Daily 2,3	AS14A	Winn	3
620	Comparative Education	Daily 2	M27	Lehman	3
640	The Fundamentals of Educational Administration	Daily 3	M27	Poindexter	3
ENGLISH					
601	Shakespeare	Daily 3 10:15-11:35	W25	Locke	3
HISTORY					
532	The United States and the Contemporary World	Daily 4	HA208	Henderson	3
PHYSICAL EDUCATION					
510	Principles of Motor Learning	Daily 8:05-9:25 a.m.	DA200	Bruce	3
620	Administration of Physical and Health Education	Daily 1:40-3:00 p.m.	DA200	Lipton	3
PSYCHOLOGY					
628	Research in Adolescent Psychology	Daily 7:15-8:35 a.m.	AS17	Winn	3
648	Research in Human Development	Daily 8:45-10:05 a.m.	W22	Caldwell	3
SOCIOLOGY					
540	Educational Sociology	Daily 4 11:55-1:15	HA9	Stone	3
576	The Contemporary Family	Daily 3 10:15-11:35	HA4	Napp	3

NIGHT COURSES

Department Course No.	Course Title	Period Day	Building Room No.	Instr.	Cr.
Econ. 220C	Survey of Economics	TTh 7-9:30 p.m.	HA5	Kipps	3
Econ. 510	Economic Seminar: Government and Business	MW 7-9:30 p.m.	HA5	Kipps	3

COURSES WITH HOURS TO BE ARRANGED

<i>Department Course No.</i>	<i>Course Title</i>	<i>Day Period</i>	<i>Building Room No.</i>	<i>Instr.</i>	<i>Cr.</i>
Art 530	Sculpture	TBA	DA4	Beer	3-6
Art 550	Graphics	TBA	DA1	Coulter	3-4
Art 560	Drawing & Painting	TBA	DA201	Coulter	3-6
Art 630	Sculpture	TBA	DA4	Beer	3-6
Art 660	Drawing & Painting	TBA	DA201	Coulter	3-6
Bus. Ed. 680	Reading and Research	TBA	TBA	Dickerson Steagall	3
Eng. 572	Contemporary Approaches to Grammar	TBA	TBA	Curtis	3
Math. 210	Digital Computer Programming	TBA	B318	Sanders	3
Virginia Music Camp—171, 172, 173, 174, 175, 176		(June 15-19)	TBA	Lyon (und. grad.)	1
Virginia Music Camp—571—Topics in Choral Techniques and Literature				Anderson, Lyon,	2
572—Topics in Instrumental Techniques and Literature				Ohlsson (graduate)	2
573—Topics in Pedagogy of Music Theory and Literature					
574—Topics in Elementary School Music (June 15-19 at Massanetta and June 22-26 at Madison College)					
Instrumental, Priv. Lessons—115-116, 215, 216, 315-316, 415-416, 511, 512, 513, 514		TBA	DM103	Staff	
Organ, Priv. Lessons—115-116, 215-216, 315- 316, 415-416, 511, 512, 513, 514		TBA		L. Watkins	
Piano, Priv. Lessons—115-116, 215-216, 315-316, 415-416, 511, 512, 513, 514		TBA		Perkins, L. Watkins	
Voice, Priv. Lessons—115-116, 215-216, 315- 316, 415-416, 511, 512, 513, 514		TBA		Ohlsson, D. Watkins	
Spch.	Shenandoah Valley High School Forensic Institute	Daily (July 19- August 8)		Frantz	0
Spch.	Shenandoah Valley High School Forensic Institute (Debate Seminar)	Daily (July 19- August 8)		Moulton Moulton	0
Spch. 490	Directed Studies	As arranged			24
Spch. 505C	Technical Theatre Production	Daily June 29- August 8		H. Patterson	0

INSTRUCTIONS TO APPLICANTS

1. Fill out the application form on the adjacent page and mail it to the Assistant Provost, Madison College, Harrisonburg, Virginia 22801.
2. Transcripts of work done at other Institutions.
 - a. If you are transferring from another institution and plan to work toward a degree at Madison, please ask the colleges that you have attended to forward *official transcripts* of your record to the Director of the Summer Session. This should be done as far in advance of the opening of the Summer Session as possible.
 - b. If you wish only to transfer the credits that you earn in the Summer Session to another institution, or to use them in renewing a teaching certificate, you must have a statement of *good standing* or *honorable dismissal* submitted by the institution which you last attended.
3. Application fee.

An application fee of \$5.00 (check or money order) is required of all applicants and is *non-refundable*. No application can be processed until this fee is received.
4. Room Reservation advance payment.

An advance payment of \$15.00 (check or money order) for room reservation is required with your application if you wish to reserve a room. It is refundable only if you cancel your reservation before May 1 or if application is disapproved.

(Return with Application Form)

ROOM RESERVATION APPLICATION

Date _____

Mr. _____ Age _____
Miss _____
Mrs. _____

Address _____
Street City State Zip Code

Class: Fr. _____ Soph. _____ Jr. _____ Sr. _____ Grad. _____

Have you attended Madison before? Yes _____ No _____

Dormitory and room preferred _____
(No single rooms available in Hoffman Hall)

Single room _____ Double room with roommate _____

Roommate preference _____

Indicate session you wish room reserved.

Eight-Week Session _____

First Four Weeks _____

Second Four Weeks _____

Three Week Session _____

Six Week Session _____

Other Period _____

(Dates)

MADISON COLLEGE
Application for Admission

For Office Use
Admitted _____
Rejected _____

SUMMER SESSION

Date _____, 19____

Mr. _____
Miss _____
Mrs. _____
Last Name First Name Middle Name

Address _____
Street Phone No.

Age _____ City _____ Sex _____ State _____ Year of graduation from high school _____ Zip Code _____

Name and address of the high school: _____

Have you attended Madison College before? _____ Year of last attendance _____

Status: Graduate _____ Undergraduate _____
Full-time _____ Special _____ Evening _____ Summer Session _____

List all colleges attended with dates of attendance:
Institution Period of attendance Degree

(Complete Reverse Side of This Application)

Are you in good standing from all institutions you have attended? _____

Check reason for attending Summer Session:

- a. Earn credits for teacher's certificate
- b. Earn credits to be transferred to another college
- c. Work toward a degree at Madison College

Major _____ Teaching _____ Non-teaching _____

Undergraduate _____ Graduate _____

- d. Other _____

Indicate courses in which you plan to enroll:

Department	Course No. Section	Title of Course	Credits

Indicate session you will attend and housing plan:

- Eight-Week Session
- First Four Weeks
- Second Four Weeks
- Three Week Session
- Six Week Session
- If none of the above give dates _____
- Room on Campus
- Day Student

Indicate fees and/or deposits enclosed:

- \$ 5.00 Application Fee
- \$15.00 Room Deposit
- Have requested transcripts
- Have requested Statement of Good Standing or Honorable Dismissal

Do you wish to complete registration and pay fees in advance of the summer session registration? Yes _____ No _____

MADISON COLLEGE
HARRISONBURG, VIRGINIA

Statement of Student in Good Standing

to be completed by students who are presently enrolled in another college

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

Signature of Registrar _____ Date _____

This student has my approval to enroll in the following courses

The student will submit this to the registrar of the college last attended.
The registrar will complete and sign the appropriate section and then
mail it direct to the Assistant Provost of the College, Madison College,
Harrisonburg, Virginia 22801.

MADISON COLLEGE
HARRISONBURG, VIRGINIA

Statement of Honorable Dismissal

to be completed by students who are not presently enrolled in another college

This is to certify that _____
Last Name First Name Middle Name
(was graduated from) or (withdrew from) _____
Name of College
located at _____ on _____
Date
with the degree of _____ and (is) or (is not)
entitled to honorable dismissal.

Signature of Registrar _____
Date _____

The student will submit this to the registrar of the college last attended.
The registrar will complete and sign the appropriate section and then
mail it direct to the Assistant Provost of the College, Madison College,
Harrisonburg, Virginia 22801.

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EXAMINATION SCHEDULE

FIRST FOUR WEEKS

TUESDAY, JULY 14, 1970

1:00-3:30 P.M.—All Classes

EIGHT-WEEK SESSION

SECOND FOUR WEEKS

TUESDAY, AUGUST 11, 1970

8:30 A.M.-11:00 A.M.—First Period Classes

1:00 P.M.-3:30 P.M.—Third Period Classes

WEDNESDAY, AUGUST 12, 1970

8:30 A.M.-11:00 A.M.—Second Period Classes

1:00 P.M.-3:30 P.M.—Fifth Period Classes

THURSDAY, AUGUST 13, 1970

8:30 A.M.-11:00 A.M.—Fourth Period Classes

1:00 P.M.-3:30 P.M.—Sixth Period Classes

SIX-WEEK SESSION

TUESDAY, AUGUST 11, 1970

8:30 A.M.-11:00 A.M.—First Period Classes

1:00 P.M.-3:30 P.M.—Third Period Classes

WEDNESDAY, AUGUST 12, 1970

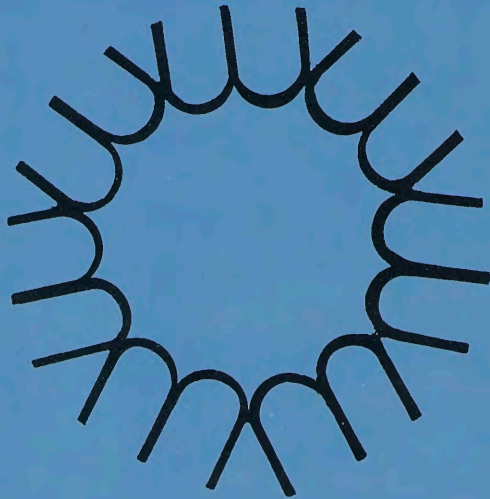
8:30 A.M.-11:00 A.M.—Second Period Classes

1:00 P.M.-3:30 P.M.—Fourth Period Classes

THURSDAY, AUGUST 13, 1970

1:00 P.M.-3:30 P.M.—Fifth Period Classes

MADISON
COLLEGE
SUMMER 1970



MADISON COLLEGE
HARRISONBURG, VIRGINIA