Bulletin Madison College, April, 1969

Madison College (Harrisonburg, Va.)

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

Recommended Citation
Bulletin Madison College, April, 1969, XXVII, 4, Harrisonburg, (Va.): Madison College.

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

  The Southern Association of Colleges and Schools

  The National Council for Accreditation of Teacher Education for Preparation of Elementary Teachers and Secondary Teachers with the Master's Degree as the Highest Degree Offered

  The Virginia State Board of Education

It is a member of:

  The American Association of Colleges for Teacher Education

  The Association of American Colleges

  The Association of Virginia Colleges

  The National Commission on Accrediting (not an accrediting agency)

  The American Association of State Colleges and Universities

  The American Council on Education

Cover designed by Catherine Wiesener
**SUMMER SESSION CALENDAR**

**1969**

<table>
<thead>
<tr>
<th>JUNE</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>S M T W T F S</td>
<td>1 2 3 4 5 6 7</td>
<td>8 9 10 11 12 13 14</td>
<td>15 16 17 18 19 20 21</td>
<td>22 23 24 25 26 27 28</td>
<td>29 30</td>
<td></td>
</tr>
</tbody>
</table>

June 17—Dormitories open. Reservations held only until 6:00 p.m., Wednesday, June 18.

June 17—Dining room opens—Supper is the first meal served.

June 18—Registration: 8:30-12:00 Noon, 1:30-4:30 p.m.

June 19—Classes begin.

June 25—Junior English Proficiency Test (Objective) 1:30 p.m., Anthony-Seeger Auditorium.

June 26—Junior English Proficiency Test (Essay) 1:30 p.m., Anthony-Seeger Auditorium.

July 4—Holiday.

July 12—Graduate Record Examination.

July 16—Eight-Week classes meet; final examinations for First Four-week courses: 1:00-3:30 p.m.

July 16—Registration for new students in Second Four-Week Courses, 7:15-12:00 Noon. Classes meet on regular schedule.

July 25—Deadline for final filing of thesis with the graduate office if degree is to be received August 12.

August 8, 9, 11—Examinations.

August 12—Tuesday, 2:00 p.m.—Final exercises conferring of degrees.

Dining room closes after lunch. Dormitories close at 6:00 p.m.
MADISON COLLEGE
HARRISONBURG, VIRGINIA

SUMMER SESSION, 1969
FOR GRADUATES AND UNDERGRADUATES

Eight-Week Session—June 18-August 11
First Term—June 18-July 15
Second Term—July 16-August 11

REGISTRATION FOR FULL SESSION AND FIRST TERM
JUNE 18—
8:30 A.M.—12:00 Noon
1:30 P.M.—4:30 P.M.

REGISTRATION FOR SECOND TERM
July 16—7:15 A.M.—12:00 NOON

PLEASE BRING THIS BULLETIN
WITH YOU WHEN YOU REGISTER
CONTENTS

ADMISSION ...........................................17
   Application Procedure ..............................17-19
   Application Form ......................................105-106

HOUSING INFORMATION .....................................18
   Room Reservation Procedure .........................18
   Reservation Form ......................................104

EXPENSES .............................................20, 21

FINANCIAL AIDS AND SCHOLARSHIPS .......................22-26

STUDENT LIFE ........................................27-29
   Medical Service .........................................27-28
   Food Service ...........................................28
   Government of Students ...............................28
   Honor System ..........................................28

ACADEMIC REGULATIONS ..................................31-36

SPECIAL PROGRAMS AND WORKSHOPS ..........................37-41

COURSE OFFERINGS .....................................43-87
   Numbering System ......................................42
   Course Descriptions by Department ..................43-87

COURSE SCHEDULE BY PERIODS ..............................88-99
   Courses with hours to be arranged ...................100
   Courses completed in First Four Weeks ...............101
   Courses completed in Second Four Weeks .............102

EXAMINATION SCHEDULE .................................Inside Back Cover

INDEX ..................................................108-110
THE VISITORS OF MADISON COLLEGE

RUSSELL M. WEAVER, Rector
HARRISONBURG

MRS. HELEN MUGLER WHITE, Vice-Rector
RICHMOND

CHARLES C. BROUN
MARTINSVILLE

WALLACE L. CHANDLER
RICHMOND

MRS. D. KIRK HAMMOND
DECATUR, GEORGIA

BURR P. HARRISON
WINCHESTER

DABNEY S. LANCASTER
MILLBORO SPRINGS

J. LEONARD MAUCK
MARION

E. GUY RIDGELY
ALEXANDRIA

MRS. EMILY N. SPONG
PORTSMOUTH

G. FRED SWITZER
HARRISONBURG

———

EXECUTIVE COMMITTEE

G. FRED SWITZER, Chairman
CHARLES C. BROUN
DABNEY S. LANCASTER

RECTOR, member ex officio

———

RICHARD C. MANDEVILLE, Secretary

Madison College 3
OFFICERS OF ADMINISTRATION
AND ASSISTANTS

OFFICE OF THE PRESIDENT

G. Tyler Miller, B.S., LL.D.  President
Paul C. Cline, Ph.D.  Executive Assistant to the President
Richard C. Mandeville, B.A.  Director of Public Relations
Alice E. Liggett  Confidential Secretary to the President

OFFICE OF THE DEAN

Daniel R. Hall, D.Ed.  Dean of the College
David E. Fox, Ed.D.  Assistant Dean of the College
Charles G. Caldwell, Ph.D.  Director of the Division of Teacher Education
J. Emmert Ikenberry, Ph.D.  Director of the Division of Natural Sciences
Louis G. Locke, Ph.D.  Director of the Division of Humanities
Elmer L. Smith, D.S.Sc.  Director of the Division of Social Sciences
Forrest C. Palmer, M.S. in L.S. Librarian
Pauline C. Long, M.A. in Ed. Registrar

OFFICES OF STUDENT PERSONNEL SERVICES

James W. Fox, Ed.D.  Dean of Student Services
William J. DeLong, M.A.  Director of Admissions and Student Aid
Francis E. Turner, M.Ed.  Assistant Director of Admissions and Student Aid
Ray V. Sonner, M.Ed.  Director of Field Services and Placement
Fay J. Reubush, Ed.D.  Dean of Women
John T. Rice, M.A.  Dean of Men
Elizabeth G. Shafer, Ph.D.  Assistant Dean of Women
Patricia C. Dunn, M.S.  Assistant Dean of Women
Jack E. Smith, B.S.  Housing Director
William O. Hall, Ed.D.  Director of the Counseling Center
Richard L. Chafey, M.Ed.  Counselor, Counseling Center
Walter F. Green III, M.D. (part time) College Physician
Walter M. Zirkle, Jr., M.D. (part time) College Physician
Robert Showalter, M.D. (part time) Psychiatric Consultant

4 Bulletin
OFFICES OF BUSINESS MANAGEMENT

Adolph H. Phillips, B.S.  Business Manager
Lyman Seese, B.A.  Treasurer and Assistant Business Manager
Ruth Detamore  Assistant Treasurer
Dorris H. McElyea  Personnel Supervisor
Eugene S. Wagner, B.S.  Director of Buildings and Grounds
Bessie M. Lenox  Executive Housekeeper
Robert D. Griffin  Food Service Manager
Jean Copper, M.S.  Dietitian
Alma Glover  Bookstore Manager
Christiana Moyers  Post Office Manager
L. Randell Monger  Chief, Security Force
THE FACULTY OF THE COLLEGE

FOR THE SUMMER SESSION

FRANCIS R. ADAMS, JR., Professor of English. A.B., Williams College (Massachusetts); M.A., Ph.D., University of Maryland.

ROGER L. ADKINS, Instructor of Economics. B.A., Marshall University; M.A., Ohio University.

J. EDGAR ANDERSON, Professor of Music. Diploma in Violin and Theory, Muskingum College; B.M., M.M., Cincinnati Conservatory of Music; Pupil of Jean ten Have; Stephan Sopkin.

JACK S. ATKINSON, Assistant Professor of English and Journalism. A.B., M.A., Western Reserve University.

HOMER W. AUSTIN, Instructor of Mathematics. B.S., Madison College; M.S., University of Wyoming.

KENNETH J. BEER, JR., Assistant Professor of Art. B.A., M.A., Wayne State University.

JAMES DAVID BLACK, Instructor of Psychology. B.S. in Ed., M.Ed., University of Virginia.

CHARLES W. BLAIR, Head, Department of Education; Associate Professor of Education. B.A., Bridgewater College; M.A. in Ed., Madison College; Ed.D., University of Virginia.

SIDNEY R. BLAND, Assistant Professor of History. B.A., Furman University; M.A., University of Maryland.

NORLYN L. BODKIN, Assistant Professor of Biology. A.B., M.S., West Virginia University.

PATRICIA J. BRUCE, Professor of Physical and Health Education; Field Supervisor of Student Teaching. A.B., Wheaton College; M.E., Boston University; P.E.D., Indiana University.

JOHN JAMES BURNETT, Instructor of Business Administration. B.S., M.S., Southern Illinois University.

HORACE BURR, Assistant Professor of Drama and Speech. A.B., DePauw University; M.A., University of Southern California.

CHARLES G. CALDWELL, Director, Division of Teacher Education; Professor of Psychology. A.B., Roanoke College; M.A., Ph.D., University of Chicago.

WILLIAM E. CALLAHAN, Associate Professor of English and Philosophy. A.B., Florence State College; B.D., Th.D., New Orleans Baptist Theological Seminary.

6 Bulletin
DONALD C. CATHCART, Assistant Professor of Mathematics. A.A., Chaffey College; B.A., University of Hawaii; M.A., San Diego State College.

FRANCES C. CAVANAUGH, Associate Professor of English. A.B., Webster College (Missouri); M.A., Ph.D., St. Louis University.

WILBERT CHAPPELL, Head, Department of Chemistry; Professor of Chemistry. B.S., Ottawa University; A.M., Ph.D., University of Kansas.

MONA LYON COFFMAN, Assistant Professor of Business Education. A.B., Nebraska State Teachers College, Peru; M.A., George Peabody College for Teachers.

JAMES N. CONIS, Professor of Spanish and French. B.S., M.A., Ph.D., University of Virginia.

JERRY L. COULTER, Assistant Professor of Art. B.A., Furman University; M.F.A., Ohio University.

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

JAY L. CURTIS, Professor of English. A.B., A.M., Ph.D., University of North Carolina.

Garney L. Darrin, Director of Anthony-Seeger Campus School; Professor of Education. B.S., M.Ed., Wayne State University; Ed.D., University of Maryland.

John E. Davis, Jr., Head, Department of Biology; Professor of Biology. B.A., M.A., Ph.D., University of Virginia.

Mildred Dickerson, Assistant Professor of Education. B.S., Eastern Kentucky State College; M.S., University of Kentucky.

Z. S. Dickerson, Jr., Head, Department of Business; Professor of Business Education. B.S., Eastern Kentucky State College; M.A. in Ed., Ed.D., University of Kentucky.

John David Diller, Head, Department of Art; Associate Professor of Art. B.F.A., University of Texas; M.F.A., Cranbrook Academy of Art.

Raymond C. Dingedine, Jr., Head, Department of History; Professor of History. B.A., M.A., Ph.D., University of Virginia.

William A. Douglas, Jr., Instructor of Social Science. B.A., Berea College; M.A., Appalachian State University.

Madison College 7
CAROLYN C. DRIVER, Assistant Professor of Home Economics. B.S. in Ed., Madison College; M.S., Cornell University.

JACQUELINE D. DRIVER, Assistant Professor of Education. B.S., M.A. in Ed., Madison College.

GEORGE T. FARMER, JR., Associate Professor of Geology. B.A., M.S., Ph.D., University of Virginia.

GERALD W. FARRAR, Assistant Professor of English. A.B., Marietta College; M.A., University of Virginia.

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

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

DAWN S. FISHER, Assistant Professor of Mathematics. B.A., New York University; M.S., University of Miami.

J. ELWOOD FISHER, Associate Professor of Biology. B.S., Fairmont State College; M.S., Miami University, Ohio; Ph.D., Virginia Polytechnic Institute.

GORDON M. FISHER, Professor of Mathematics. B.A., University of Miami; Ph.D., Louisiana State University.

JAMES W. FOX, Dean of Student Services; Professor of Education. A.B., M.S., Ed.D., Indiana University.

MAE FRANTZ, Assistant Instructor of Speech. B.A., Mississippi State College for Women.

MARY P. FUNKHOUSER, Assistant Instructor, Supervising Teacher of Nursery School and Kindergarten. B.A., Agnes Scott College.

RICHARD D. GARLICK, Coordinator of Educational Television; Assistant Professor of Education. B.A., M.A., Michigan State University.

HENRY M. GOFF, JR., Assistant Professor of Education; Director of the Reading Center. B.A., Lynchburg College; M.Ed., University of Virginia.

ROBERT A. GRAVES, Assistant Professor of Biology. B.S. in Ed., M.S., Madison College.

JAMES K. GRIMM, Professor of Biology. B.S. in Ed., Concord College; M.S., Ph.D., University of Tennessee.

ARTHUR R. HALL, Professor of Geography. B.A., M.A., University of Oklahoma; Ph.D., Duke University.
William O. Hall, Director of the Counseling Center; Associate Professor of Education and Psychology. B.S.C., Ohio University; M.A., Ed.D., University of Kentucky.

Clive Hallman, Jr., Assistant Professor of History. A.B., Berry College; M.A., Appalachian State Teachers College.

John R. Hanson, Professor of Mathematics. A.B., Washington and Lee University; M.S., Ph.D., Virginia Polytechnic Institute.

Wilbur T. Harnsberger, Jr., Head, Department of Geology; Associate Professor of Geology. B.A., M.S., University of Virginia.

Jerry O. Haynes, Professor of Psychology. B.S., M.S., Auburn University; Ph.D., Florida State University.

Jack M. Heading, Assistant Professor of Biology. B.S., Juniata College; M.S., Pennsylvania State University.

Cary S. Henderson, Associate Professor of History. B.A., M.A., University of Florida; Ph.D., Duke University.

Janet Hopkins, Assistant Professor of Education; Field Supervisor of Student Teaching. B.S. in Ed., Madison College; M.Ed., University of Virginia.

J. Emmert Ikenberry, Director, Division of the Natural Sciences; Head, Department of Mathematics; Professor of Mathematics. A.B., Bridgewater College; M.A., Ph.D., Cornell University.

Helen V. Ininger, Assistant Professor of Music. A.B., Wilson College; M.M., Eastman School of Music; M.M., University of Michigan; L.R.A.M., Piano Performance, Royal Academy of Music; London, England; International Summer Academy, Salzburg, Austria.

William F. Jones, Associate Professor of Biology. B.A., Davis and Elkins College; M.S. in Ed., Madison College; Ed.D., University of Virginia.

Andrew J. Joniak, Jr., Instructor of Psychology. B.A., Kent State University; M.A., Miami University, Ohio.

George Francis Joyce, Assistant Professor of Education; Field Supervisor of Student Teaching. B.S., M.S., State University College at Oswego, New York.

F. Rita Kaslow, Assistant Professor of Education. B.S., New York University; M.Ed., University of Virginia.

Philip L. Kincheloe, Assistant Professor of Business Administration. B.S., Bridgewater College; M.B.A., The American University.

Madison College 9
Paul H. Kipps, Assistant Professor of Economics. B.S., M.S., Virginia Polytechnic Institute; Ph.D., Cornell University.

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

Sally M. Lance, Assistant Professor of Music. B.M.Ed., Madison College; M.M., Indiana University.

C. Kenneth Landes, Assistant Professor of Education; Field Supervisor of Student Teaching. B.A., Bridgewater College; M.Ed., University of Virginia.

Harold D. Lehman, Professor of Education. B.S., Madison College; M.Ed., The Pennsylvania State University; Ed.D., University of Virginia.

Thomas W. Leigh, Associate Professor of English. B.A., Hampden-Sydney College; M.A., University of Michigan.

Terry Alan Lepera, Assistant Professor of Mathematics. B.A., Texas Western College; M.S., University of Minnesota.

Dorothy C. Linehan, Assistant Professor of Home Economics. B.S., Loretto Heights College; M.S., Colorado State University.

Edward D. Lipton, Assistant Professor of Physical and Health Education. B.S., Cortland College of Education (New York); M.Ed., University of Arizona.

John Ward Long, Jr., Assistant Professor of Physical and Health Education. A.B., Bridgewater College; M.A., Columbia University.

John T. Lyon, Jr., Associate Professor of Music; Field Supervisor of Student Teaching. B.S. in Mus. Ed., University of New Hampshire; M.A., Teachers College, Columbia University; Ph.D., Indiana University.

Forrest E. McCready, Jr., Lecturer in Sociology. B.A., Shorter College; M.A., Emory University.

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

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

Almon Turley Mace, Head, Department of Social Science; Professor of Economics. B.S., M.S., Purdue University; Ph.D., George Washington University.

Andrew J. Mahler, Professor of English. A.B., Wagner College; M.A., Columbia University; Ph.D., University of North Carolina.
CAROLINE T. MARSHALL, Associate Professor of History. B.A. in Ed., Madison College; M.A., Ph.D., University of Virginia.

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

ZULA H. MASON, Director, Bureau of Teaching Materials; Assistant Professor of Library Science. B.A., Blue Mountain College; M.A. in L.S., Appalachian State University.

LYDIA PURSER MEEKS, Assistant Professor, Supervising Teacher of Fourth, Fifth and Sixth Grades. A.B., East Carolina Teachers College; A.M., Columbia University.

NAOMI LOUISE MILLS, Assistant Professor of Physical and Health Education. B.A. in Ed., M.S., Arizona State University.

HELEN E. MOORE, Assistant Professor of Psychology. B.A., Manchester College; M.A. in Ed., Madison College.

GEOFFREY F. MORLEY-MOWER, Assistant Professor of English. Inter-Arts, London University; M.A., Catholic University.

L. LEOTUS MORRISON, Professor of Physical and Health Education. B.S. in Ed., Georgia State College for Women; M.A., George Peabody College for Teachers; P.E.D., Indiana University.

EUGENE RUSSELL MOULTON, Head, Department of Speech and Drama; Professor of Speech. B.A., M.A., Ph.D., Western Reserve University.

JAMES L. MULLENEX, Associate Professor of Mathematics. B.S., Madison College; M.A., Louisiana State University; Ed.D., University of Virginia.

JOHN P. MUNDY, Head, Department of Psychology; Professor of Psychology. B.A., Bridgewater College; M.A., University of Virginia; Ph.D., George Washington University.

NANCY K. O’HARE, Assistant Professor of Education. B.A., Seton Hill College; M.Ed., University of Pittsburgh.

GORDON L. OHLSSON, Head, Department of Music; Professor of Music. B.A., B.M., Hastings College; M.A., Teachers College, Columbia University; Ed.D., University of Michigan.

FORREST C. PALMER, Librarian; Head, Department of Library Science; Professor of Library Science. B.A., Valparaiso University; B.S. in L.S., M.S. in L.S., George Peabody College for Teachers.

FRANK A. PALOCZAY, Assistant Professor of Chemistry. B.S., Ohio University; Ph.D., University of Arizona.

Madison College 11
ROBERT E. PATTERSON, Professor of Speech and Drama. A.B., Muskingham College; B.S. in Ed., M.A., Ph.D., The Ohio State University.

MILTON PERLMAN, Assistant Professor of French and Latin. B.A., St. Johns College; M.A.T., University of Virginia; Diplome de Haute Etudes, University of Grenoble.

JAMES E. POINDEXTER, Head, Department of English; Professor of English. A.B., University of North Carolina; M.A., Emory University; Ph.D., University of North Carolina.

RAYMOND J. POINDEXTER, Professor of Education. A.B., Randolph-Macon College; M.A., University of Virginia; Ph.D., The Ohio State University.

BARBARA A. QUINN, Assistant Professor of Physical and Health Education. B.S., Ursinus College; M.S., Trenton State College.

MARGARETE WOELFEL RAUCH, Head, Department of Foreign Languages; Professor of French and German. B.A., M.A., Ph.D., University of Leipzig, Germany.

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

ETHRICH HOUSTON ROGERS, Jr., Instructor of English. B.A., M.A., Texas Technological College.

DOROTHY ROWE, Head, Department of Home Economics; Professor of Home Economics. B.S., Madison College; M.S., Ph.D., The Ohio State University.

ROSE MARY RUMMEL, Assistant Professor of Physical and Health Education. B.S., Lamar State College; M.A., Sam Houston State College.

O. GRANT RUSH, Associate Professor of Education. B.A., Bridgewater College; M.Ed., D.Ed., University of Virginia.

ANGELA S. REEKE, Assistant Professor of Education, Supervising Teacher of First, Second and Third Grades. B.S., Paterson State College; M.Ed., University of Virginia.

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

MARY L. SCHELL, Assistant Professor of Physical and Health Education. A.B., Catawba College; M.A., George Peabody College.

BEVERLY P. SILVER, Assistant Professor of Biology. B.S. in Ed., Madison College; M.S., Louisiana State University.
RAYMOND O. SIMMONS, Associate Professor of Chemistry. B.S.A., M.S., Ph.D., Purdue University.

ELMER L. SMITH, Director, Division of the Social Sciences; Professor of Sociology. B.S., Florida Southern College; M.A., Western Reserve University; D.S.Sc., Syracuse University.

Diane M. Spresser, Assistant Professor of Mathematics. B.S., Radford College; M.A., University of Tennessee.

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.

Kenneth Allen Szmagaj, Instructor of Art. B.F.A., Wayne State University; M.A., University of Iowa.


Gilbert S. Trelawny, Professor of Biology. B.S., Delaware Valley College of Science and Agriculture; M.S., Ph.D., Lehigh University.

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

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

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


Howard M. Wilhelm, Assistant Professor of Economics. B.A., University of Virginia; M.A. in Ed., Madison College.

Ruth Jones Wilkins, Associate Professor of English. A.B., M.Ed., College of William and Mary; M.A., University of Richmond.

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

John E. Wood, Associate Professor of History. B.A., University of Virginia; M.A., Ph.D., Tulane University.

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

Madison College 13
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 3,500 students in the Winter Session and approximately 1,700 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 135,000 volumes carefully elected 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 850 current periodicals and eighteen newspapers and by collections of films, file-slides, 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 the Assistant Dean, arrange a complete tentative three-year program. 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 Dean of the College.

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, 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 Dean of the College. 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 1968 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.
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.

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 1968-69. 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

An entering freshman must submit 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 in-
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 Dean of the College, 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 Dean of the College, 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 Dean 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.

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. The 15.00 room reservation fee must also be paid for spouses and/or children who may be accommodated on the campus. Further information concerning family housing is available from the Director of the Summer Session.

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 Dean of the College. 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 17. Reservations will be held only until 6:00 p.m. on Wednesday, June 18.
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
- Undergraduate—per credit hour $13.00
- Graduate—per credit hour $16.00

Tuition Fee (Additional fee per credit hour required of non-Virginia students only) $11.00

Campus Fee $3.00

Board, room and laundry
- Eight-Week Session $136.00
- Four-Week Term $68.00

Thesis: Graduate students registering for a thesis will be charged $16.00 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 Dean of the College.

Massanetta Music Workshop—(see Music Department)

Auditing: Auditors of classes, who are not taking courses for credit, will pay the same tuition rate as regular students.

Diploma Fee: The diploma fee will be $5.00 for a Bachelors 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.

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

Fees for room, board, and laundry are $17.00 per week and $2.50 per day for fractional parts of a week. This rate is not applicable to regular dormitory students.

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

20 Bulletin
A $5.00 application fee must accompany the application blank. 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.

Madison College 21
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.


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.

Madison College  23
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 $104.00 to $156.00, 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, dormitories, and in the recreational program. The compensation for these positions is approximately $104.00 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 $1.30-$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, maintenance and secretarial
positions for the faculty and administration. Madison College only
participates in the on-campus phase of the College Work-Study Program.

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' Con-
fidential Statement should be submitted in advance of the date of ap-
proval 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, Prince-
ton, New Jersey 08540.

Madison College 25
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 Waitresses.) 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, p. 29. 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

Husbands and wives, mothers with children, and family groups wishing to live on the campus should write to the Director of the Summer Session for complete information. Family members will be charged both room and board and will be served all meals in the College Dining Hall.

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

Madison College  27
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 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 and the Faculty of the College.

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 on the campus is limited to seniors with a 2.5 cumulative average or above, graduate students, day students and students 22 years of age or older. Other resident students are not allowed to have automobiles except by special permission secured in advance from the Dean of Students through the Dean of Men or Dean of Women. A student who has obtained such special permission may use the automobile only for the purpose for which it has been granted.

Automobiles not registered during the 1968-69 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. This examination will be given in two parts. (See Summer Session Calendar)

**Post Office Boxes**

All students will be assigned a post office box at the College. How-
ever, 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 1969 Summer Session are as follows:

<table>
<thead>
<tr>
<th>Day of Week</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday-Thursday</td>
<td>7:50 a.m.-10:30 p.m.</td>
</tr>
<tr>
<td>Friday</td>
<td>7:50 a.m.-10:30 p.m.</td>
</tr>
<tr>
<td>Saturday</td>
<td>7:50 a.m.- 5:00 p.m.</td>
</tr>
<tr>
<td>Sunday</td>
<td>6:00 p.m.-10:00 p.m.</td>
</tr>
</tbody>
</table>

**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 Dean of the College serves as executive officer in all matters of academic status. All proposed exceptional programs of study and exceptions to degree requirements must be presented to the Assistant Dean who acts for the Dean in matters of this kind. Exceptional programs of classes and exceptions to degree requirements are not permitted without the approval of the Assistant Dean. The Dean of the College or Assistant Dean also makes the decisions concerning all questions about the evaluation of credits.

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 Dean of the College, and that at the time of withdrawal his grade was "D" or above. If a student drops a course in which his work is below "D" at the time of withdrawal, the grade in that course will be recorded as an "F." 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 Dean of the College. If a student withdrawing under this provision is failing the class at the time of withdrawal, the grade will be recorded as an "F." All withdrawals must be approved by the student's adviser and the Assistant Dean 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 Dean of the College.
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 College.

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 Dean of the College 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 Dean of the College. 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 Dean of the College.

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 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 Dean of the College, 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

Music—Study Abroad Program (June 23-August 5)

A six week summer tour of European centers in music and art will be conducted by Miss Helen Ininger of the Madison music faculty. The itinerary includes visits to Germany, Austria, Italy and France. Graduate and undergraduate credit may be earned in the following courses: Music 200, Music in General Culture, three semester hours credit; Music 300, Music Appreciation, three semester hours credit; Music 561, Music of the Baroque and Classical Periods, three semester hours credit; and Music 562, Music of the Romantic Period, three semester hours credit. For additional information on this program, please contact the Assistant Dean of the College.

Virginia Music Camp—Massanetta Springs (June 16-22)

This is a camp for high school students and a workshop for teachers. It includes a Festival Chorus, a Junior Chorus, and an Orchestra, with a total of some 800 high school students, which provide opportunities for observation and laboratory experiences for the teachers’ workshop. In addition, there are daily sessions in music for the elementary school. Teachers may receive one semester hour credit for participating in this program.

Shenandoah Summer Theatre (June 18-August 11)

The beautiful and new Latimer-Shaeffer Theatre will be the home of the Madison College Shenandoah Summer Theatre. The theatre, located in Duke Fine Arts Center, is one of the finest of its kind in the United States.

The director of the Summer Theatre and the person who will teach all classes will be Professor Horace Burr, Director of Drama on the staff of the Department of Speech and Drama at Madison. Mr. Burr’s background of professional and academic success will provide all enrollees in this Summer Theatre a unique opportunity to enhance their own achievements in creative drama.

Regular classes in Directing, Acting, and Technical Theatre will meet Monday, Tuesday, Wednesday, and Thursday from 1:30 p.m. to 4:30 p.m. Students may enroll in Speech 505 for three, six, or nine hours of credit. Evenings during the last six weeks of the session must be devoted to the summer’s production scheduled for July 30, 31, August 1, and 2, 1969.

Further information may be obtained by writing to the Assistant Dean of the College.
Shenandoah Forensic Institute (July 28-August 8)

Madison College is pleased to announce its Second Annual High School Forensics Institute. It will provide outstanding Speech and Drama students presently enrolled in high schools an opportunity to study on a campus which is being recognized for leadership in forensic activities. Students will be trained in oratory, extemporaneous speaking, impromptu speaking, interpretative reading, debate and all aspects of theatre. More and more, young people who have been trained to be articulate are assuming positions of leadership in our society.

Participants will live on the Madison Campus for the two-week session. Classes will meet daily from 8:30 a.m. to 4:00 p.m. Registration is now open to all students who are in senior high school and are in good standing in their class.

Applications may be obtained by writing to Dr. Robert Patterson, Director, Shenandoah Forensic Institute, Department of Speech and Drama, Madison College, Harrisonburg, Virginia 22801.

Summer School for Elementary Children (June 18-August 12)

The Anthony-Seegar Campus School offers a summer school program for four-year old Nursery School children, Kindergarten, Grades One through Six, and a Special Education Class for mentally retarded children. Parents interested in enrolling their children should write for an application from the Director of the Anthony-Seegar Campus School, Madison College, Harrisonburg, Virginia 22801, by May 30, 1969. Classes meet from 8:30 a.m. to noon, Monday through Friday. Only children who can spend the entire eight weeks summer session should be enrolled.

Summer Art Institute (June 16-27)

The Art Department, in cooperation with the State Department of Education, has planned an Art Institute to run for two weeks. This institute is designed to update and strengthen art skills of teachers. It will take the form of a group of workshops in painting, printmaking, watercolor, elementary art education, ceramics, and photography. Each workshop will meet three hours daily and a student may enroll in two of them. Students who wish to earn credit on the advanced undergraduate or graduate level must be enrolled in Art 501. With each workshop counting one credit hour, a maximum of two credit hours may be earned.

For additional information, participants in the Art Institute should write to Mr. Baylor Nichols, Supervisor of Art, State Board of Education, Richmond, Virginia 23216.
BUSINESS EDUCATION 510A, Workshop in New Curriculum Patterns  
(July 7-11, one semester hour credit)

A workshop in preparing new curriculum patterns for office occupations education block-time programs. For additional information, write to Dr. Z. S. Dickerson, Madison College, Harrisonburg, Virginia 22801.

BUSINESS EDUCATION 510B, Workshop in Office Practice (August 4-8, one semester hour credit)

A workshop in the teaching of business computing and secretarial machines. For additional information, write to Dr. Z. S. Dickerson, Madison College, Harrisonburg, Virginia 22801.

SCIENCE 512, Natural Resources Conservation, three 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 from June 18 to July 9. 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 Dean of the College, Madison College, Harrisonburg, Virginia 22801.

HOME ECONOMICS 590A, Workshop in Occupational Training (July 14-18, one semester hour credit)

HOME ECONOMICS 590B, Seminar for Consulting Dietitians (July 21-25, one semester hour credit)

HOME ECONOMICS 590C, Seminar in Applied Nutrition (August 4-8, one semester hour credit)

For information concerning Home Economics Workshops, write to Dr. Dorothy Rowe, Madison College, Harrisonburg, Virginia 22801.

PHYSICAL EDUCATION 540, (Workshop) Physical Education in Elementary Schools (June 18-July 3, three semester hours credit)

A workshop designed for physical education and classroom teachers and supervisors concerned with planning, conducting and supervising the physical education program in the elementary schools with special emphasis given to the new concept of “movement education” in physical education. For information write to Assistant Dean of the College, Madison College, Harrisonburg, Virginia 22801.

Madison College  39
Linguistics Workshop (June 18-July 15)

**ENGLISH 572, Contemporary Approaches to English Linguistics**, for three semester hours credit, is designed for teachers who desire to familiarize themselves with the basic ideas and procedures in various approaches to the “New English.” Special attention is paid to the utility of these approaches in the classroom.

Foreign Language Seminar (June 18-July 15)

**FOREIGN LANGUAGE 550, Seminar on Teaching of Foreign Languages**, three semester hours credit, is designed to provide teachers with new methods in the teaching of Foreign Languages. Teachers participating in this seminar would have opportunity to audit a refresher course in French Conversation and Advanced Composition or a refresher course is Spanish Conversation and Composition. Additional information concerning the language seminar may be obtained by contacting Dr. Margarete Rauch, Madison College, Harrisonburg, Virginia 22801.

**Special Programs for Teachers**

Several courses will be offered during the summer term for persons working in the area of early childhood education. Designed as part of the requirements for the Master's degree in early childhood education, courses should be valuable to persons working in Head Start programs, in Day Care Centers, in the nursery school, in the kindergarten, and with disadvantaged children. Interested students should enroll in Education 616 and/or Education 509. Students who are interested in courses in this area at the undergraduate level should enroll in the course, Psychology 369.

Madison offers a Master's degree program which is designed to prepare reading specialists. Education 502, Education 506, Education 507, and Education 660 are among the required courses in this program and will be offered during the 1968 Summer Session.

Opportunity also will be provided in a workshop setting for teachers to analyze the problems associated with the use of educational television as an instructional tool. Those interested should register for Education 501.

Several undergraduate courses will be offered in the area of special education during the Summer Session. These courses are designed to assist the teacher in working with the mentally retarded child. Students should register for Education 410, and/or Psychology 240.

Activities planned for several courses will 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, Seminar 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, 1969. Students who apply after this date may have difficulty in securing placement in the desired course. The priority of application will be a major criterion in the selection of applicants. In addition, a formal application for admission to the Summer Session must be filed in the Office of the Assistant Dean of the College.
COURSES OF INSTRUCTION

Explanatory Notes

The 1969 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 501-599 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, repoussé, stone setting, metal finishing, enameling and centrifugal casting.

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 235. Sculpture. Two periods daily; three credits.

Problems in three-dimensional form using traditional and modern techniques. Processes of modeling in clay, mold making, casting,

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 esthetic considerations of picture structure. Prerequisites: Art 150, Art 244.

Art 373. Ceramics. Two periods daily; three credits.

Studio practice in forming, firing, and glazing ceramic ware. Wheel-thrown pottery will be emphasized. Fundamentals of glaze composition will be given in lectures. Prerequisites: Art 140, Art 200.

Madison College  43
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 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 570. Advanced Ceramic Design. Two periods daily; three-six credits.

Individual development in the techniques and process of ceramic design, with emphasis upon quality as evidenced in form, color, and decoration. Prerequisite: Art 373 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.
ART 670. Ceramics. Two periods daily; three-six credits.

Ceramic problems which may be an extension of Advanced Ceramic Design, or which may emphasize experimental investigation of glaze or ceramic body compositions. Prerequisite: Art 373 or equivalent.

ART 680. Criticism Of Art. One period daily; three credits.

Study of basic questions existing in art philosophy and esthetics.
BIOLOGY 110. *General Biology.* Ten periods a week; four credits.

A beginning course which stresses the fundamental principles of life with emphasis on contemporary living. Consideration is given to the composition, structure, and organization of living bodies—cells, tissues, organs, systems, and organisms. The major systems of the human being are studied with emphasis given to reproduction and heredity. Required of all students.

BIOLOGY 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 270. *Human Physiology.* Seven periods a week; three credits.

Emphasis is placed on the function of the muscular, circulatory, digestive, excretory, and endocrine systems of the human body. (Credit will not be given for students majoring in biology.)

BIOLOGY 280. *Bacteriology.* 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 290. *Human Anatomy.* Five double periods a week; four credits.

An introduction to the study of human anatomy with particular emphasis on the skeletal, muscular, circulatory, endocrine and nerve systems. The laboratory animal is the cat, with emphasis on careful and accurate dissection. All laboratory quizzes are practical examinations. Required of all students preparing for nursing and for physical education majors. *Prerequisite: Bio. 110.*
BIOLOGY 290N. Human Anatomy. Five double periods a week; four credits.

An introduction to the study of human anatomy with particular emphasis on the skeletal, muscular, circulatory, endocrine and nerve systems. The laboratory animal is the cat, with emphasis on careful and accurate dissection. All laboratory quizzes are practical examinations. (Rockingham Memorial Hospital students only).

BIOLOGY 330. Genetics. Seven periods a week; three credits.

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

BIOLOGY 505. Natural History. Seven periods a week; three credits.

An integrated course in field biology designed to acquaint students with local plants and animals both terrestrial and aquatic habitats. (A course restricted to graduate students majoring in elementary education with a minor in general science. Cannot be counted toward any degree with a major in biology.)

BIOLOGY 520. Plant Ecology. Seven periods a week; three credits.

A study of the distribution and association of plants in relation to their physical and biological environments. Concepts include migration, invasion, competition, successions and climax as these influence environmental change, conservation and wildlife. (Open only by permission of the instructor.)

BIOLOGY 555. Introduction to Plant Physiology. Ten periods a week; four credits.

Practical aspects of fundamental life processes of plants involving physiological structure and environmental relationships. Prerequisites: Bio. 130 and Chem. 101-102 or equivalent.

BIOLOGY 640. Medical Entomology. Seven periods a week; three credits.

A study of the arthropods that parasitize man or serve as vectors of human pathogens. Morphological features, distribution, life histories, and control methods will be emphasized.

BIOLOGY 675. Aquatic Ecology. Three single and three double periods a week; four credits.

A study of the life of the fresh-water environment. Emphasis on methods for the examination of effects of physical and chemical factors.
on aquatic organisms and interpretive procedures of assaying results of aquatic investigations.

**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 EDUCATION

Dr. Dickerson, Head of the Department


This course in elementary accounting principles and procedures is planned to meet the needs of all accounting majors and others who desire a background in this area. The interpretation of data and the understanding of interrelationships are emphasized. Accounts, procedures, and statements for the single proprietorship, partnership, and corporation are studied. Topics such as internal control procedures, special journals, controlling accounts, inventories, manufacturing, fixed assets, depreciation, and adjusting and closing techniques are included.


A course in Federal income tax accounting with emphasis on personal taxes, social security, estate, and gift taxes.

BUSINESS EDUCATION 505. Seminar in Business Education. Daily; three credits.

A seminar involving a study of the relationship of business education to business and industry to enable the teacher to obtain a better understanding of the free enterprise system. Field trips, consultants, and case studies are essential parts of the course. (Formerly Bus. Ad. 530)

BUSINESS EDUCATION 510. Workshops in Business Education. One credit.


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

BUSINESS EDUCATION 510b. Workshop in Office Practice. One credit. August 4-8.

A workshop in the teaching of business computing and secretarial machines.

BUSINESS EDUCATION 520. Advanced Studies in the Basic Business Subjects. Daily; (second four weeks); three credits.

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

Madison College  49
Business Education 610. Problems in Business Education. Daily; (first 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 620. Advanced Studies in the Skill Business Subjects. Daily; (second four weeks); three credits.

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

Business Education 640. Seminar in Automated Data Processing Systems. Daily; (first four weeks); three credits.

Designed to provide the latest methods, techniques, and knowledge essential to the teaching of data processing. Classroom work and practical machine experience on the IBM equipment is provided.

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.


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


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.


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


This course deals with problems that must be solved in the evolution of the curriculum in the public schools, the choices of principles and procedures for selecting the potential experiences comprising the instructional program, the selection of a pattern of curriculum organization, and the determination of principles and procedures by which changes in the curriculum can be made, evaluated and sustained. 

*Prerequisite:* Psy 233-234 or equivalent.


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 children in the various subject fields included in the elementary school curriculum. 

*Prerequisite:* Ed. 360 or equivalent.


This course is planned for students preparing to teach in the secondary school. This is an integrated methods course designed to
familiarize students with a variety of methods, to develop practical
details of these methods, to acquaint students with a variety of ma-
terials and their uses, and to develop concepts leading to an under-
standing of the needs of high school students in our society and the
role of the teacher in the total school program. Prerequisite: Ed. 360
or equivalent.

EDUCATION 400. Speech Correction. Daily; three credits.

An introduction to the field of speech correction. Consideration
is given to the problems of diagnosis and corrective therapy in clinical
and classroom situations. Observation and participation in activities
at the Speech and Hearing Clinic.

three credits.

This course deals with a comprehensive overview of the field of
mental retardation. The causes and prevention of mental deficiency;
the characteristics of the mentally retarded; the techniques for identifica-
tion; and the responsibility of the home, school, and community in
the care and training of the mentally defective are among the topics
studied.

EDUCATION 465. Speech Correction Practice. Daily; three credits.

Designed to give students practice in the correction of speech
problems; for students in the teaching program or students interested
in professional work in speech correction; study under supervision in
the schools and in the Speech and Hearing Clinic. Prerequisite: Ed.
400 or approval of the instructor. (Formerly Ed. 480S)

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

This course is planned to help the prospective teacher secure a
foundation for building a philosophy of education for himself by
developing a working knowledge of the language of educational
philosophy; by comparing contemporary views on education; by be-
coming acquainted with the main currents of educational thought over
the last twenty-five hundred years, to the end of understanding better
the nature and place of education in American culture today. Pre-
requisite: Ed. 360 or equivalent.

EDUCATION 480b. Directed Teaching. Six credits.

This course gives experience in teaching under public school con-
ditions with emphasis on the use of the Virginia curriculum. Two
group conferences will be arranged each week. Advance registration is necessary. Write Mr. Robert H. Horn, Director of Student Teaching, before May 1, 1969.

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 Dean 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.

**Education 501. Seminar in Educational Television.** Three hours twice a week for eight weeks; 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.** Two hours daily; (second four weeks) 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.

**Education 506. Teaching Reading Skills Beyond the Elementary Grades.** Three hours daily for three weeks; three credits.

Basic reading skills, special reading skills, testing, program organization, reading rate, and reading in the content areas will be among the problems considered in this course.

**Education 507. Diagnostic and Remedial Techniques in Reading.** One hour 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.

**Education 509. Exploring the Early Childhood Education. Curriculum in Depth.** One hour daily; three credits.

Survey of theory and practice in contemporary early childhood curriculum and analysis of various methods used in working with young children. Consideration of research regarding curriculum planning and methods of teaching the disadvantaged child.

**Education 512. Secondary School Curriculum and Co-Curriculum.** One hour 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.

**Education 516. Theory and Practice of Guidance.** One hour daily; three credits.

An overview of the philosophy and function of guidance in public schools, the role of the classroom teacher in the guidance program, and organization for adequate guidance services will constitute the framework of the course. Consideration will be given to topics such as case studies, record keeping, testing, use of occupational information, and techniques of counseling.

**Education 591. The Elementary School Curriculum.** Two hours daily (first four weeks); 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.

**Education 603. Philosophy of Education.** One hour daily; three credits.

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

*Madison College 55*
Education 616. Practicum in Early Childhood Education. One hour daily; three credits.

Supervised experience in a teaching relationship with pre-school children and their parents. The preparation of observational records and social histories as a basis for planning and executing creative learning activities for children. A minimum of four hours per week in classroom involvement are required in addition to seminar meetings. Prerequisite: Ed. 612, 614 or equivalent. (Formerly Ed. 614)

Education 630. Research Methods in Education. One hour 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 daily; three credits.

This course deals with such topics as federal, state and local authority and control of education; financial support for public education; problems related to the administration and supervision of pupil personnel, teaching personnel, and of the instructional program.

Education 650. Supervision of Instruction. Three hours daily for three weeks; 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.

Education 660. Practicum in Diagnostic and Remedial Techniques in Reading. One hour 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. (This course was offered formerly as Education 530)

Education 690. Practicum in Counseling. One or two hours daily; three or six hours credit.

Supervised training in the techniques of counseling in educational and employment settings, emphasizing the roles and functions of the Counselor and his relations with the client and the referring organiza-
tion. Supervised experiences will be provided in Madison College’s Counseling and Testing Center. Open only to degree candidates with departmental approval.

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; Education 690, Practicum in Counseling; and Education 501, Seminar 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, 1969. Students who apply after this date may have difficulty in securing placement in the desired course. The priority of application will be a major criterion in the selection of applicants.

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 May 1, 1969.

Students who wish to be enrolled in Education 495s should make application to the Assistant Dean of the College before May 15. All applicants should be prepared to identify several 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 Dean of the College.
ENGLISH LANGUAGE AND LITERATURE

Dr. J. Poindexter, Head of the Department

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.

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.

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.

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.


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

ENGLISH 305. Literature of the Old Testament. Daily; three credits.

A study of the history of the Hebrew peoples and the leaders of Israel central to the Bible as a background to the theology of the Old Testament in conjunction with a critical analysis of Old Testament literature.

ENGLISH 318. World Literature. Daily; three credits semester.

A study of the major literary masterpieces of the Western World from the Neoclasical period to the present. Literature is examined in relation to the other arts. Foreign works are read in English translation.

58 Bulletin

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


A concentrated examination of such authors as Mark Twain, Howells, Stephen Crane, and Henry James.

ENGLISH 560. *Non-Dramatic Literature of the Elizabethan Period.* Daily; three credits.

The major non-dramatic literary expressions of the English Renaissance from the rise of humanism to Donne will be studied.

ENGLISH 572. *Contemporary Approaches to English Linguistics.* (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 601. *Shakespeare.* Daily; three credits.

A study of selected plays by Shakespeare. The choice of plays will vary in different years.


Poetry and fiction of the most significant contemporary authors will be examined. Choice of authors studied will vary in different years.


A study of romanticism in the work of the precursors, Wordsworth, Coleridge, Byron, Shelley, Keats, and others. The choice of authors to be studied may vary in different years.

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.

*Madison College* 59

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.
FOREIGN LANGUAGES
DR. RAUCH, Head of the Department

FRENCH

FRENCH 101. Elementary French. Three periods daily and five laboratory practices per week; (first four weeks); four credits.

A study of the fundamentals of the French language through written and oral grammar drills, conversation, reading, dictation and composition. Extensive practice in pronunciation, dictation and development of aural comprehension through five half-hour sessions a week in the language laboratory.

FRENCH 102. Elementary French. Three periods daily and five laboratory practices per week; (second four weeks); four 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 one year of college French.

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

Progressive readings on French Civilization and Modern French Literature; outside readings. Prerequisite: Fr. 231.

FRENCH 250. Conversation and Advanced Composition. Two periods daily; (first 4 weeks); 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.

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 will be done in the language laboratory. Prerequisite: Ger. 101-102 or two years of high-school German or its equivalent.

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

Brief survey of German literature and civilization. Conversation and short topic compositions; outside readings. Prerequisite: Ger. 231.
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 one year of college Spanish.

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

Progressive readings on Civilization and Modern Spanish Literature; outside readings. Prerequisite: Sp. 231.

SPANISH 250. Spanish Conversation and Composition. Two periods daily; (first four weeks); three credits.

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

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 are 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 535. Paleobiology. Five double and four single periods a week; (first four weeks); three credits.

The biology and fossil history of invertebrate animals is emphasized. The principles of taxonomy and evolution are considered. Protista through Bryozoa (Ectoprocta).

GEOLOGY 536. Paleobiology. Five double and four single periods a week; (second four weeks); three credits.

A continuation of Geology 535. Brachiopods through vertebrates. Prerequisite: Geology 535.
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.

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

This course is a survey of England during her formative centuries. Emphasis is given to the mingling of the races and the making of the nation. Special attention is given to the evolution of British government and also to its influence upon the political ideas and institutions of the United States.

HISTORY 477. Medieval History. Daily; three credits.
This course focuses attention on Europe in the Middle Ages, with a concentration on social and intellectual aspects and on the development of parliamentary institutions.

HISTORY 520. United States History, 1763-1800. Daily; three credits.
An interpretive study of the political, economic, social, and cultural history of the United States from the French and Indian War through the Federalist period.

64 Bulletin
HISTORY 560. Modern France. Daily; three credits.
A study of France from 1848 to 1958, covering the Second Republic, Second Empire, Third Republic and Fourth Republic, with emphasis on the problems of a modern nation attempting to govern itself.

HISTORY 565. Twentieth Century Britain. Daily; three credits.
An examination of the major themes of British history in the twentieth century. The course will include material on political, social, economic, diplomatic, and imperial topics from the pre-World War I decade down through the post-World War II decade.

A study of diplomatic activities and foreign relations of the United States in the nineteenth century, with special attention to the development of principles of foreign policy and the significance of foreign affairs in United States History.

HISTORY 610. The Era of Franklin D. Roosevelt. Daily; three credits.
An interpretive study of the period, 1933-1945, as a dividing line in American development. In domestic affairs, emphasis will be given the efforts to alleviate the economic and social problems of the Great Depression, the purposes of the New Deal from an historiographical point of view, and FDR in state and national politics. In foreign affairs, attention will be given the Good Neighbor policy, isolationism, the road to World War II, and the origins of the Cold War.
HOME ECONOMICS

Dr. Rowe, Head of the Department

HOME ECONOMICS 270. Management in Relation to Personal and Family Resources. Daily; (first four weeks); two credits.

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

HOME ECONOMICS 290. Textiles. Daily; three credits.

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

HOME ECONOMICS 320. Consumer Economics. Daily; (second four weeks); two credits.

This course is a study of the consumer aspect of activity in our economic system. It deals with the problems of the family relating to judging quality, checking quantity, and comparing prices in consumer buying. Prerequisite: Eco. 210.


Democratic principles in family living constitute the basis upon which the home management experience is planned. The areas of responsibility are rotated to give each family member experience in all phases of homemaking with emphasis upon management of time, energy, and resources. Each student participates in the care and development of children in a family. A scholarship index of 2.00 is required for residence. Prerequisites: H.E. 133, 140, 180, 254, 300, 320 or equivalent.

HOME ECONOMICS 610. New Developments in Foods. Daily; (first four weeks); three credits.

Review and interpretation of the literature in the field of food and food research. A critical analysis is made of recent developments in new food products. Prerequisite: H.E. 140 or equivalent.
LIBRARY SCIENCE

MR. PALMER, Head of the Department

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.


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.


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.

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

LIBRARY SCIENCE 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.


This course provides an opportunity for intensive study of a specific topic in school librarianship. Each student will work individually on a project of his own choice. Prerequisite: Twenty-four semester hours of library science or approval of the head of the department.
MATHEMATICS

DR. IKENBERRY, HEAD OF THE DEPARTMENT


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


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.** Two periods a week; one credit.

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 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.


**Mathematics 510. Advanced Calculus I.** Daily; three credits.

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. *Prerequisite: At least two semesters of calculus.*

**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 530. Abstract Algebra. Daily; three credits.

A study of groups, rings, integral domains, and fields.


Topics in number theory including divisibility properties, integral solutions of equations, congruences, prime numbers, arithmetic functions, and number theoretic functions.

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.
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 (June 23-August 5).

MUSIC 541. Modern Harmony and Composition. Daily; three credits.

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 increase understanding of our contemporary music.


The study of vocal, instrumental and organ music of the Baroque Period beginning with the late Renaissance composers Monteverdi, G. Gabrielli and Sweelinck and culminating in Bach and Handel; the Mannheim School; the preclassical Viennese composers; Gluck, Haydn, Mozart, Beethoven. Offered only as specially directed summer study abroad (June 23-August 5).


A study of the Romantic movement in music with reference to its historical background and parallel movement in literature and art. The music om Schubert, Weber, Berlioz, Mendelssohn, Listz, Chopin,
Wagner, Brahms and their contemporaries. Post-romanticism: Elgar, MacDowell, R. Strauss, Sibelius, and others. Offered only as specially directed summer study abroad (June 23-August 5).


A survey of the trends found in twentieth-century music. Impressionism; "New Music" from Satie to Schoenberg, Bartók, and Hindemith. The music of contemporary American composers.


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.


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


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 17, in a room to be announced at the opening of 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.

A study of the problems, materials, and techniques of teaching choral music in the high school. Laboratory experiences will be provided at the Virginia Music Camp at Massanetta Springs.


This course deals with broader concepts in music education in developing a coordinated and continuous program, and in examining methods of instruction. One week of the course will be devoted to participation in and exploration of these aspects of the Virginia Music Camp and Workshop at Massanetta Springs.

**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:

<table>
<thead>
<tr>
<th>Instruction in Voice, Piano</th>
<th>Practice Charge</th>
<th>Total Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orchestral Instruments</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16 lessons per session</td>
<td>$30.00</td>
<td>$5.00</td>
</tr>
<tr>
<td>1 to 8 lessons per session</td>
<td>$1.90 per lesson</td>
<td>.30 per lesson</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Instruction in Organ</th>
<th>Practice Charge</th>
<th>Total Charge</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 lessons per session</td>
<td>$30.00</td>
<td>$10.00</td>
</tr>
<tr>
<td>1 to 8 lessons per session</td>
<td>$1.90 per lesson</td>
<td>.60 per lesson</td>
</tr>
</tbody>
</table>

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.

Madison College 75
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 225. Tennis, Intermediate Tennis. Four periods a week; one credit.

PHYSICAL EDUCATION 226. Golf, Intermediate Golf. Four periods a week; one credit.

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 386. Principles of Health and Physical Education. Daily; three credits.

The history of physical education as it has affected the schools of the United States. The principles of health and physical education as a basis for objectives, program and method; current problems.

PHYSICAL EDUCATION 540. Physical Education in Elementary Schools. Five hours daily; (first two weeks); three credits.

The planning, conducting, and supervising of the physical education program in elementary schools. Special emphasis is given to newer concepts in physical activities for children.

PHYSICAL EDUCATION 630. Problems in Physical Education. Daily; three credits.

A survey of current problems in the field. Specific problems are explored through a review of literature and published research.

PHYSICAL EDUCATION 640. Prevention and Care of Athletic Injuries. Two hours daily; (second four weeks); three credits.

Emphasis is placed on conditioning which will prevent athletic injuries. Care and treatment of common injuries 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.
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 230. Health Physics. Four double and one single period a week; four credits.

A one semester course in the study of radiation hazard, dose limitations, dose calculations; shielding requirements to include X-ray shielding, radiation measurements, contamination problems, decontamination procedures and survey instruments. This course emphasizes the techniques and procedures of radiation safety and contamination control with less emphasis on atomic and nuclear structure. Prerequisites: Math. 107-108 or Math. 125-126 and one semester of physics, biology, or chemistry.
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 240. Survey of Exceptional Children. Daily; three credits.

This is a general survey course of the entire field of Special Education. Prerequisite: Psy. 231-232, or Psy. 233-234 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.


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 486. History and Systems of Modern Psychology. Daily; three credits.

A study of more recent development of the so-called “schools of psychology,” including a study of the experimental contributions of
each school. A selected number of experiments will be performed by the class and by individuals and wide reading in current psychological literature, in both the theory and the experimental work of each school, will also be required. \textit{Prerequisite: Psy. 231-232, or Psy. 233-234 or equivalent.}

\textbf{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 included. Students score and interpret test results. Statistical procedures necessary to interpret scores are studied. \textit{Prerequisite: Psy. 231-232, or Psy. 233-234 or equivalent.}

\textbf{PSYCHOLOGY 628. Research in Adolescent Psychology.} Two hours daily; (first four 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.

\textbf{INTERDEPARTMENTAL SCIENCE COURSES}

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

\textbf{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.

\textbf{PHYSICAL SCIENCE 520. Matter and Energy.} Daily; three credits.

This course is intended to give graduate students planning to teach in the elementary school an understanding of one of the major physical science problems facing mankind. Emphasis is placed on matter and energy as unifying concepts in the physical sciences. The course is taught jointly by staff members of the Chemistry and Physics Departments.

\textbf{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 wildlife management.

This three-week course in conservation beginning June 18 and ending July 9 is for Virginia school teachers and other interested individuals. It is sponsored by the Virginia Resource-Use Education Council in cooperation with the Division of the 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.
BUSINESS ADMINISTRATION


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


Deals with the field of policy making and administration at the various levels of management, including overall company policies and departmental policies. *Prerequisite: Bus. Adm. 280 or equivalent.*


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


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 competition and monopoly; examines economics of full employment policies and international trade policies. Also reviews the broad economics principles of supply, demand and price and the economy of the firm.

ECONOMICS 220B: *Survey of Economics*. Daily; (second four weeks); three credits.

For description, see Economics 220A.
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 development, monopolistic competition, welfare economics and the economics of international trade.

ECONOMICS 488. *Money and Banking.* Daily; three credits.

Deals with the evolution of money and the banking system, the structure and function of banking, the economics of banking, monetary and credit control, and monetary policy of the United States.


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 520. *Seminar in Labor Management Relations.* Monday and Wednesday evening, 7-9:30 p.m.; three credits.

In this seminar economic analysis is applied to the labor market with a consideration given to wage determination, prices and wages, employment and wages and other areas of relationships.

Students will examine the history of the labor movement, the methods, policies and theories of labor and compare these with policies, methods and theories of management.

ECONOMICS 600. *Contemporary Economics.* Monday and Wednesday 3:30-6:00 p.m.; three credits.

The role of economics in national and world affairs is analyzed and special attention is given to international trade, distribution of wealth, income, taxation and public debt, recurrent major depressions and periods of prosperity, and types of economic systems.

84 *Bulletin*
GEOGRAPHY

Geography 120. *Introduction to Geography*. Daily; 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.

POLITICAL SCIENCE

Political Science 110. *Introduction to Political Science*. Daily; 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.


This is a basic course in the American political system, having for its fundamental purpose the development of responsible citizenship. Detailed coverage will be made of the origin, structure, functions, and current trends of national government. Some comparison is made of the structure and ideologies of American and foreign governments.

SOCIOLOGY

Sociology 252. *Population Problems*. Four periods a week; (first four weeks); two credits.

This course will stress the rise of population since the Industrial Revolution and review the basic demographic principles and the various programs of control.

Sociology 254. *Social Stratification*. Four periods a week; (second four weeks); two credits.

A study of the class, caste and power structure of the American society. The numerous stratification research studies will be analyzed and compared.

Sociology 312. *Social Pathology*. Four periods a week; (first four weeks); two credits.

This course will emphasize the various forms of withdrawal, such as suicide, alcoholism, drug addiction and similar contemporary problems.
SOCIIOLOGY 425. Crime in America. Four periods a week; (first four weeks); two 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.

SOCIIOLOGY 427. Juvenile Delinquency. Four periods a week; (second four weeks); two credits.

A study of youth gangs, deviation and youth culture standards as well as the treatment used. Recent research reports will be emphasized.

SOCIIOLOGY 530. Negro in America. Daily; (first four weeks); 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.
SPEECH AND DRAMA

Dr. Moulton, Head of the Department

SPEECH 200. Oral Communication. Four periods a week; (first four weeks); three periods a week; (second 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 505. Seminar in Theatre Production. Three, six or nine credits.

(All students will be required to participate in the summer production which goes into rehearsal on Monday, the third week of classes, 7:00 P.M. to 10:00 P.M. and continues every Monday, Tuesday, Wednesday, and Thursday until the production on July 30, 31, August 1, 2, 1969. Open to Senior and Graduate students.)

This seminar is designed to give students the opportunity to participate in Summer Theatre. Speech 505A, Acting; Speech 505B, Directing; and Speech 505C, Technical Theatre, will be taught in regular class and will be learned through an actual production.

Please see section on “Special Programs and Workshops” for further information on this course.

SPECIAL NOTE:

The Speech and Drama Department will sponsor the Shenandoah High School Forensic Institute July 28 through August 8, 1969. For further information please turn to the section on “Special Programs and Workshops.”
# SCHEDULE OF COURSES

## PERIOD 1—7:15-8:15

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building</th>
<th>Room No.</th>
<th>Instr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>235</td>
<td>Sculpture</td>
<td>Daily 1,2</td>
<td>DA4</td>
<td></td>
<td>Beer</td>
</tr>
<tr>
<td>Art</td>
<td>255</td>
<td>Photography</td>
<td>Daily 1,2</td>
<td>DA207, 206</td>
<td></td>
<td>Wiesener</td>
</tr>
<tr>
<td>Art</td>
<td>530</td>
<td>Sculpture</td>
<td>Daily 1,2</td>
<td>DA4</td>
<td></td>
<td>Beer</td>
</tr>
<tr>
<td>Art</td>
<td>630</td>
<td>Sculpature</td>
<td>Daily 1,2</td>
<td>DA4</td>
<td></td>
<td>Beer</td>
</tr>
<tr>
<td>Bio.</td>
<td>110B</td>
<td>General Biology</td>
<td>Daily 1,2</td>
<td>B210</td>
<td></td>
<td>Staff</td>
</tr>
<tr>
<td>Bio.</td>
<td>110C</td>
<td>General Biology</td>
<td>Daily 1,2</td>
<td>B108</td>
<td></td>
<td>Staff</td>
</tr>
<tr>
<td>Bio.</td>
<td>120</td>
<td>General Zoology</td>
<td>Daily 1,2</td>
<td>B113</td>
<td></td>
<td>Jones</td>
</tr>
<tr>
<td>Bio.</td>
<td>280</td>
<td>General Bacteriology</td>
<td>Daily 1,2</td>
<td>B214</td>
<td></td>
<td>Trelawny</td>
</tr>
<tr>
<td>Bio.</td>
<td>290N1</td>
<td>Human Anatomy</td>
<td>Daily 1,2</td>
<td>B116</td>
<td></td>
<td>Staff</td>
</tr>
<tr>
<td>Bio.</td>
<td>640</td>
<td>Medical Entomology</td>
<td>MTWTh 1,2</td>
<td>B211</td>
<td></td>
<td>Grimm</td>
</tr>
<tr>
<td>Bus. Adm.</td>
<td>390</td>
<td>Business Policy</td>
<td>Daily</td>
<td>M9</td>
<td></td>
<td>Kincheloe</td>
</tr>
</tbody>
</table>

## COURSE SCHEDULE INFORMATION

*appearing in left-hand margin indicates the courses offered during the first four weeks (June 18-July 15).

†appearing in left-hand margin indicates the courses offered during the second four weeks (July 16-August 12).

All other courses are offered for eight weeks (June 18-August 12) unless a specific date has been indicated.

TBA indicates “hours to be arranged” with the instructor.

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

- AG: Ashby Gymnasium
- AS: Anthony-Seeger Campus School
- B: Burruss Science Hall
- BA: Blackwell Auditorium (Moody Hall)
- Bk: Baker House
- DA: Duke (Art Department)
- DM: Duke (Music Department)
- DTW: Duke Theater Workshop
- FSH: Field and Sports House
- HA: Harrison Annex
- J: Johnston Hall Basement
- K: Keezel Hall
- KG: Keezel Gymnasium
- L: Library
- LST: Latimer-Shaefrer Theater
- M: Maury Hall
- Mo: Moody Hall
- N: Nicholas House
- Pool: Keezel Hall
- VH: Varner House
- W: Wilson Hall
- Z: Zirkel House
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Department</th>
<th>Course No.</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Chemistry</td>
<td>Chem. 101A</td>
<td>B314</td>
<td>Daily 1,2,3,4</td>
<td>B310</td>
<td>Chappell</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>Chem. 101B</td>
<td>B314</td>
<td>Daily 1,2,3,4</td>
<td>B301</td>
<td>Chappell</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>Chem. 102A</td>
<td>B314</td>
<td>Daily 1,2,3,4</td>
<td>B301</td>
<td>Chappell</td>
<td>4</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>Chem. 102B</td>
<td>B314</td>
<td>Daily 1,2,3,4</td>
<td>B301</td>
<td>Chappell</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>Chem. 235</td>
<td>B114</td>
<td>Daily 1,2,3,4</td>
<td>B114</td>
<td>Simmons</td>
<td>4</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>Chem. 236</td>
<td>B114</td>
<td>Daily 1,2,3,4</td>
<td>B114</td>
<td>Simmons</td>
<td>4</td>
</tr>
<tr>
<td>Money and Banking</td>
<td>Econ. 488</td>
<td>HA3</td>
<td>Daily</td>
<td>Dickerson</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Arith. in the Elem. Sch.</td>
<td>Mat. 358</td>
<td>M17</td>
<td>Daily</td>
<td>Mace</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>School</td>
<td>Mat. 370</td>
<td>W40</td>
<td>Daily</td>
<td>Joyce</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Exploring the Early Ch. Curr. in Depth</td>
<td>Eng. 509</td>
<td>M27</td>
<td>Daily</td>
<td>Landes</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Reading and Composition</td>
<td>Eng. 101A</td>
<td>AS17</td>
<td>Daily</td>
<td>Dickerson</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Reading and Composition</td>
<td>Eng. 101F</td>
<td>W33</td>
<td>Daily</td>
<td>Leigh</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Reading and Composition</td>
<td>Eng. 102A</td>
<td>W31</td>
<td>Daily</td>
<td>Atkinson</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Reading and Composition</td>
<td>Eng. 235</td>
<td>W32</td>
<td>Daily</td>
<td>McMurray</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Survey of Eng. Literature</td>
<td>Eng. 318</td>
<td>W37</td>
<td>Daily</td>
<td>Farrar</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>World Literature</td>
<td>Eng. 670</td>
<td>W38</td>
<td>Daily</td>
<td>Cavanaugh</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate French</td>
<td>Fr. 231</td>
<td>B201</td>
<td>Daily 1,2</td>
<td>Rauch</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Intermediate French</td>
<td>Fr. 232</td>
<td>B201</td>
<td>Daily 1,2</td>
<td>Rauch</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Personal &amp; Comm. Hlth.</td>
<td>Hist. 200A</td>
<td>J1</td>
<td>MTWTh</td>
<td>Crawford</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>U.S. History to 1865</td>
<td>Hist. 233A</td>
<td>M28</td>
<td>Daily</td>
<td>Bland</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Early England</td>
<td>Hist. 383</td>
<td>M15</td>
<td>Daily</td>
<td>Wood</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>The Era of F. D. Roosevelt</td>
<td>Hist. 610</td>
<td>K16</td>
<td>Daily</td>
<td>Henderson</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Management in Relation to Personal &amp; Family Resources</td>
<td>H. Ec. 270</td>
<td>Mo101</td>
<td>Daily 1,2</td>
<td>C. Driver</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Consumer Economics</td>
<td>H. Ec. 320</td>
<td>Mo101</td>
<td>Daily 1,2</td>
<td>C. Driver</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Reference and Bibliography</td>
<td>C.S. 477</td>
<td>L10</td>
<td>Daily</td>
<td>Finlay</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Mathematics</td>
<td>Math. 107F</td>
<td>B320</td>
<td>Daily</td>
<td>Staff</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Introduction to College Math.</td>
<td>Math. 125A</td>
<td>B117</td>
<td>Daily</td>
<td>Staff</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Linear Algebra</td>
<td>Math. 360</td>
<td>B8</td>
<td>Daily</td>
<td>Hanson</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Music in General Culture</td>
<td>Mus. 200A</td>
<td>DM103</td>
<td>Daily</td>
<td>Anderson</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Modern Harmony and Comp.</td>
<td>Mus. 541</td>
<td>DM103</td>
<td>Daily</td>
<td>Anderson</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Twentieth Century Music</td>
<td>Mus. 563</td>
<td>DM103</td>
<td>Daily</td>
<td>Anderson</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Tennis, Int. Tennis</td>
<td>P. E. 225A</td>
<td>KG</td>
<td>MTWTh</td>
<td>Quinn</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15).
Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12).

Madison College 89
### PERIOD 1—7:15-8:15 (Continued)

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Psy. 100N</td>
<td>Psychology for Stu. of Nurs.</td>
<td>Daily</td>
<td>W21</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Psy. 231</td>
<td>General Psychology</td>
<td>Daily</td>
<td>W22</td>
<td>Haynes</td>
</tr>
<tr>
<td></td>
<td>Psy. 232</td>
<td>General Psychology</td>
<td>Daily</td>
<td>W28</td>
<td>Joniak</td>
</tr>
<tr>
<td>*Span. 231</td>
<td></td>
<td>Intermediate Spanish</td>
<td>Daily, 1, 2</td>
<td>HA206</td>
<td>Conis</td>
</tr>
<tr>
<td>†Span. 232</td>
<td></td>
<td>Intermediate Spanish</td>
<td>Daily, 1, 2</td>
<td>HA206</td>
<td>Conis</td>
</tr>
<tr>
<td>Speech 200E</td>
<td></td>
<td>Oral Communication</td>
<td>MTThF (1)</td>
<td>ZA</td>
<td>R. Patterson</td>
</tr>
<tr>
<td>Speech 390</td>
<td></td>
<td>Creativity</td>
<td>Daily</td>
<td>ZB</td>
<td>Moulton</td>
</tr>
</tbody>
</table>

### PERIOD 2—8:25-9:25

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Art 235</td>
<td>Sculpture</td>
<td>Daily, 1, 2</td>
<td>DA4</td>
<td>Beer</td>
</tr>
<tr>
<td></td>
<td>Art 255</td>
<td>Photography</td>
<td>Daily, 1, 2</td>
<td>DA207, 206</td>
<td>Wiesener</td>
</tr>
<tr>
<td></td>
<td>Art 530</td>
<td>Sculpture</td>
<td>Daily, 1, 2</td>
<td>DA4</td>
<td>Beer</td>
</tr>
<tr>
<td></td>
<td>Art 630</td>
<td>Sculpture</td>
<td>Daily, 1, 2</td>
<td>DA4</td>
<td>Beer</td>
</tr>
<tr>
<td></td>
<td>Art 680</td>
<td>Criticism of Art</td>
<td>Daily, 2</td>
<td>DA101</td>
<td>Diller</td>
</tr>
<tr>
<td></td>
<td>Bio. 110B</td>
<td>General Biology</td>
<td>Daily, 1, 2</td>
<td>B210</td>
<td>Staff</td>
</tr>
<tr>
<td></td>
<td>Bio. 110C</td>
<td>General Biology</td>
<td>Daily, 1, 2</td>
<td>B108</td>
<td>Staff</td>
</tr>
<tr>
<td></td>
<td>Bio. 120</td>
<td>General Zoology</td>
<td>Daily, 1, 2</td>
<td>B113</td>
<td>Jones</td>
</tr>
<tr>
<td></td>
<td>Bio. 280</td>
<td>General Bacteriology</td>
<td>Daily, 1, 2</td>
<td>B214</td>
<td>Trelawny</td>
</tr>
<tr>
<td></td>
<td>Bio. 290N1</td>
<td>Human Anatomy</td>
<td>Daily, 1, 2</td>
<td>B116</td>
<td>Staff</td>
</tr>
<tr>
<td></td>
<td>Bio. 640</td>
<td>Medical Entomology</td>
<td>MTWTh 1, 2</td>
<td>B211</td>
<td>Grimm</td>
</tr>
<tr>
<td></td>
<td>Bus. Adm. 280</td>
<td>Introduction to Management</td>
<td>Daily</td>
<td>HA3, 102</td>
<td>Kincheloe</td>
</tr>
<tr>
<td></td>
<td>Bus. Ed. 241</td>
<td>Elementary Accounting</td>
<td>Daily</td>
<td>HA205</td>
<td>Sanders</td>
</tr>
<tr>
<td>*Bus. Ed. 640</td>
<td>Seminar in Automated Data</td>
<td>Daily, 2, 3</td>
<td>HA3</td>
<td>Z. Dickerson</td>
<td></td>
</tr>
<tr>
<td>*Chem. 101A</td>
<td>General Chemistry</td>
<td>Daily, 1, 2, 3, 4</td>
<td>B301</td>
<td>Chappell</td>
<td></td>
</tr>
<tr>
<td>*Chem. 101B</td>
<td>General Chemistry</td>
<td>Daily, 1, 2, 3, 4</td>
<td>B314</td>
<td>Palocsay</td>
<td></td>
</tr>
<tr>
<td>†Chem. 102A</td>
<td>General Chemistry</td>
<td>Daily, 1, 2, 3, 4</td>
<td>B301</td>
<td>Chappell</td>
<td></td>
</tr>
<tr>
<td>†Chem. 102B</td>
<td>General Chemistry</td>
<td>Daily, 1, 2, 3, 4</td>
<td>B314</td>
<td>Palocsay</td>
<td></td>
</tr>
<tr>
<td>*Chem. 235</td>
<td>Organic Chemistry</td>
<td>Daily, 1, 2, 3, 4</td>
<td>B114</td>
<td>Simmons</td>
<td></td>
</tr>
<tr>
<td>†Chem. 236</td>
<td>Organic Chemistry</td>
<td>Daily, 1, 2, 3, 4</td>
<td>B114</td>
<td>Simmons</td>
<td></td>
</tr>
<tr>
<td>Ed. 359</td>
<td>Reading in the Elementary School</td>
<td>Daily</td>
<td>M23</td>
<td>Blair</td>
<td></td>
</tr>
<tr>
<td>Ed. 410</td>
<td>Characteristics of Mentally Retarded Children</td>
<td>Daily</td>
<td>Bk</td>
<td>Knight</td>
<td></td>
</tr>
<tr>
<td>Ed. 465</td>
<td>Speech Correction Practice</td>
<td>Daily</td>
<td>AS17</td>
<td>O’Hare</td>
<td></td>
</tr>
<tr>
<td>Ed. 470A</td>
<td>Hist. &amp; Phil. of Ed. Thought</td>
<td>Daily</td>
<td>M28</td>
<td>Joyce</td>
<td></td>
</tr>
</tbody>
</table>

*Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15)
†Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12)
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Day</th>
<th>Period</th>
<th>Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teaching of Foreign Lang.</td>
<td>Daily</td>
<td>2,3</td>
<td>Mo20</td>
<td>Stewart</td>
<td>3</td>
</tr>
<tr>
<td>Elementary French</td>
<td>Daily</td>
<td>2,3,4+</td>
<td>Mo1</td>
<td>Perlman</td>
<td>4</td>
</tr>
<tr>
<td>Intermediate French</td>
<td>Daily</td>
<td>1,2</td>
<td>B201</td>
<td>Rauch</td>
<td>3</td>
</tr>
<tr>
<td>Intermediate French</td>
<td>Daily</td>
<td>1,2</td>
<td>B201</td>
<td>Rauch</td>
<td>3</td>
</tr>
<tr>
<td>Physical Geology</td>
<td>Daily</td>
<td></td>
<td>K14</td>
<td>A. Hall</td>
<td>3</td>
</tr>
<tr>
<td>Paleobiology</td>
<td>MWF</td>
<td>2,3,4</td>
<td>TTh 2,3</td>
<td>Farmer</td>
<td>3</td>
</tr>
<tr>
<td>Paleobiology</td>
<td>MWF</td>
<td>2,3,4</td>
<td>TTh 2,3</td>
<td>Farmer</td>
<td>3</td>
</tr>
<tr>
<td>Personal and Comm. Health</td>
<td>MTWTh</td>
<td>2</td>
<td>J1</td>
<td>Crawford</td>
<td>2</td>
</tr>
<tr>
<td>U.S. History to 1865</td>
<td>Daily</td>
<td></td>
<td>DM104</td>
<td>Bland</td>
<td>3</td>
</tr>
<tr>
<td>Hist. of Civ. to 1650</td>
<td>Daily</td>
<td></td>
<td>M17</td>
<td>Marshall</td>
<td>3</td>
</tr>
<tr>
<td>Hist. of Africa</td>
<td>Daily</td>
<td></td>
<td>M15</td>
<td>McFarland</td>
<td>3</td>
</tr>
<tr>
<td>Management in Rel. to Per. &amp; Family Resources</td>
<td>Daily</td>
<td>1,2</td>
<td>Mo101</td>
<td>C. Driver</td>
<td>2</td>
</tr>
<tr>
<td>Consumer Economics</td>
<td>Daily</td>
<td>1,2</td>
<td>Mo101</td>
<td>C. Driver</td>
<td>2</td>
</tr>
<tr>
<td>Children’s Literature</td>
<td>Daily</td>
<td></td>
<td>L12</td>
<td>Mason</td>
<td>3</td>
</tr>
<tr>
<td>Young People’s Literature</td>
<td>Daily</td>
<td></td>
<td>L10</td>
<td>Riddle</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Mathematics</td>
<td>Daily</td>
<td></td>
<td>B320</td>
<td>Staff</td>
<td>3</td>
</tr>
<tr>
<td>Intro. to College Mathematics</td>
<td>Daily</td>
<td></td>
<td>B111</td>
<td>Staff</td>
<td>3</td>
</tr>
<tr>
<td>Digital Computer Programming</td>
<td>Daily</td>
<td></td>
<td>B117</td>
<td>Staff</td>
<td>1</td>
</tr>
<tr>
<td>Elementary Statistics</td>
<td>Daily</td>
<td></td>
<td>B318</td>
<td>Mullenex</td>
<td>3</td>
</tr>
<tr>
<td>Topics in Geometry</td>
<td>Daily</td>
<td></td>
<td>B8</td>
<td>Ikenberry</td>
<td>3</td>
</tr>
<tr>
<td>Music in General Culture</td>
<td>Daily</td>
<td></td>
<td>DM209</td>
<td>Marshall</td>
<td>3</td>
</tr>
<tr>
<td>Music for Children</td>
<td>Daily</td>
<td></td>
<td>DM103</td>
<td>Lance</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Swimming</td>
<td>Daily</td>
<td></td>
<td>Pool</td>
<td>Mills</td>
<td>1</td>
</tr>
<tr>
<td>Tennis, Int. Tennis</td>
<td>Daily</td>
<td></td>
<td>MTWTh</td>
<td>KG</td>
<td>Quinn</td>
</tr>
</tbody>
</table>

* Bearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15).
* Bearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12).
## PERIOD 2—8:25-9:25 (Continued)

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P. E.</td>
<td>226A</td>
<td>Golf, Int. Golf</td>
<td>MTWTh</td>
<td>FSH</td>
<td>Rummel</td>
</tr>
<tr>
<td>P. E.</td>
<td>370</td>
<td>Phys. Education for Children</td>
<td>MTWTh</td>
<td>K6</td>
<td>Schell</td>
</tr>
<tr>
<td>†P. E.</td>
<td>640</td>
<td>Prev. &amp; Care of Athletic Inj.</td>
<td>Daily 2,3</td>
<td>M12</td>
<td>Lipton</td>
</tr>
<tr>
<td>Phys.</td>
<td>121-122</td>
<td>General Physics</td>
<td>Daily 2,3,4,5</td>
<td>B12,15</td>
<td>Staff</td>
</tr>
<tr>
<td>Phys.</td>
<td>230</td>
<td>Health Physics</td>
<td>Daily 2,3</td>
<td>B23</td>
<td>Staff</td>
</tr>
<tr>
<td>Psy.</td>
<td>233A</td>
<td>Human Growth &amp; Development</td>
<td>Daily</td>
<td>DM110</td>
<td>Driver</td>
</tr>
<tr>
<td>Psy.</td>
<td>233B</td>
<td>Human Growth &amp; Development</td>
<td>Daily</td>
<td>W40</td>
<td>Black</td>
</tr>
<tr>
<td>Psy.</td>
<td>479</td>
<td>Psychology of Learning</td>
<td>Daily</td>
<td>W28</td>
<td>Joniak</td>
</tr>
<tr>
<td>*Psy.</td>
<td>628</td>
<td>Research in Adol. Psychology</td>
<td>Daily 2,3</td>
<td>W22</td>
<td>Caldwel</td>
</tr>
<tr>
<td>Sci.</td>
<td>310</td>
<td>Science in the Elem. School</td>
<td>Daily 2,3</td>
<td>B11</td>
<td>Wells</td>
</tr>
<tr>
<td>*Soc.</td>
<td>425</td>
<td>Crime in America</td>
<td>MTWTh 2,3</td>
<td>HA102</td>
<td>Whitmer</td>
</tr>
<tr>
<td>*Sp.</td>
<td>231</td>
<td>Intermediate Spanish</td>
<td>Daily 1,2</td>
<td>HA206</td>
<td>Conis</td>
</tr>
<tr>
<td>†Sp.</td>
<td>232</td>
<td>Intermediate Spanish</td>
<td>Daily 1,2</td>
<td>HA206</td>
<td>Conis</td>
</tr>
<tr>
<td>Speech</td>
<td>200F</td>
<td>Oral Communication</td>
<td>MTThF(1)</td>
<td>ZA</td>
<td>R. Patterson</td>
</tr>
</tbody>
</table>

## PERIOD 3—9:35-10:35

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art.</td>
<td>122</td>
<td>Metal and Jewelry</td>
<td>Daily 3,4</td>
<td>DA1</td>
<td>Beer</td>
</tr>
<tr>
<td>Art.</td>
<td>310</td>
<td>Art Activities in the Elem. School</td>
<td>MWF 3,4</td>
<td>DA103</td>
<td>Theodore</td>
</tr>
<tr>
<td>Art.</td>
<td>373</td>
<td>Ceramics</td>
<td>TTh 3</td>
<td>DA4</td>
<td>Diller</td>
</tr>
<tr>
<td>Art.</td>
<td>570</td>
<td>Advanced Ceramic Design</td>
<td>Daily 3,4</td>
<td>DA4</td>
<td>Diller</td>
</tr>
<tr>
<td>Art.</td>
<td>526</td>
<td>Adv. Jewelry and Metalwork</td>
<td>Daily 3,4</td>
<td>DA1</td>
<td>Beer</td>
</tr>
<tr>
<td>Art.</td>
<td>670</td>
<td>Ceramics</td>
<td>Daily 3,4</td>
<td>DA4</td>
<td>Diller</td>
</tr>
<tr>
<td>Bio.</td>
<td>110A</td>
<td>General Biology</td>
<td>Daily 3,4</td>
<td>B210</td>
<td>Staff</td>
</tr>
<tr>
<td>Bio.</td>
<td>110D</td>
<td>General Biology</td>
<td>Daily 3,4</td>
<td>B215</td>
<td>Davis</td>
</tr>
<tr>
<td>Bio.</td>
<td>130</td>
<td>General Botany</td>
<td>Daily 3,4</td>
<td>B113</td>
<td>Staff</td>
</tr>
<tr>
<td>Bio.</td>
<td>270</td>
<td>Human Physiology</td>
<td>MTWTh 3,4</td>
<td>B108</td>
<td>Staff</td>
</tr>
<tr>
<td>Bio.</td>
<td>290</td>
<td>Human Anatomy</td>
<td>Daily 3,4</td>
<td>B103</td>
<td>Grimm</td>
</tr>
<tr>
<td>Bio.</td>
<td>290N2</td>
<td>Human Anatomy</td>
<td>Daily 3,4</td>
<td>B116</td>
<td>Staff</td>
</tr>
<tr>
<td>Bio.</td>
<td>505</td>
<td>Natural History</td>
<td>Daily 3,4</td>
<td>B210</td>
<td>E. Fisher</td>
</tr>
<tr>
<td>Bio.</td>
<td>555</td>
<td>Intro. to Plant Physiology</td>
<td>Daily 3,4</td>
<td>B104</td>
<td>Ferry</td>
</tr>
<tr>
<td>Bus. Adm.</td>
<td>489</td>
<td>Personnel Administration</td>
<td>Daily</td>
<td>M27</td>
<td>Burnett</td>
</tr>
<tr>
<td>†Bus. Ed.</td>
<td>520</td>
<td>Adv. Studies in Basic Business Subjects</td>
<td>Daily 2,3</td>
<td>HA3</td>
<td>Dickerson</td>
</tr>
<tr>
<td>*Bus. Ed.</td>
<td>640</td>
<td>Seminar in Automated Data Processing</td>
<td>Daily 2,3</td>
<td>HA2</td>
<td>Coffman</td>
</tr>
<tr>
<td>*Chem.</td>
<td>101A</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B301</td>
<td>Chappell</td>
</tr>
<tr>
<td>*Chem.</td>
<td>101B</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B314</td>
<td>Paloscay</td>
</tr>
<tr>
<td>†Chem.</td>
<td>102A</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B301</td>
<td>Chappell</td>
</tr>
</tbody>
</table>

*Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 1.
†Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 1.
<table>
<thead>
<tr>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>chem. 102B</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B314</td>
<td>Palocsay</td>
<td>4</td>
</tr>
<tr>
<td>chem. 235</td>
<td>Organic Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B114</td>
<td>Simmons</td>
<td>4</td>
</tr>
<tr>
<td>chem. 236</td>
<td>Organic Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B114</td>
<td>Simmons</td>
<td>4</td>
</tr>
<tr>
<td>econ. 220B</td>
<td>Survey of Economics</td>
<td>Daily 3,4</td>
<td>M11</td>
<td>Wilhelm</td>
<td>3</td>
</tr>
<tr>
<td>econ. 235</td>
<td>Principles of Economics</td>
<td>Daily 3,4</td>
<td>M11</td>
<td>Wilhelm</td>
<td>3</td>
</tr>
<tr>
<td>econ. 501</td>
<td>Industry in Action</td>
<td>Daily</td>
<td>M28</td>
<td>Landes</td>
<td>3</td>
</tr>
<tr>
<td>ed. 360B</td>
<td>Principles of Education</td>
<td>Daily</td>
<td>W21</td>
<td>J. Fox</td>
<td>3</td>
</tr>
<tr>
<td>ed. 516</td>
<td>Philosophy of Education</td>
<td>Daily</td>
<td>W23</td>
<td>Lehman</td>
<td>3</td>
</tr>
<tr>
<td>eng. 101C</td>
<td>Reading and Composition</td>
<td>Daily</td>
<td>W33</td>
<td>Wilkins</td>
<td>3</td>
</tr>
<tr>
<td>eng. 101H</td>
<td>Reading and Composition</td>
<td>Daily</td>
<td>W31</td>
<td>Rogers</td>
<td>3</td>
</tr>
<tr>
<td>eng. 102B</td>
<td>Non-Dramatic Lit. of the Elizabethan Period</td>
<td>Daily</td>
<td>W32</td>
<td>Leigh</td>
<td>3</td>
</tr>
<tr>
<td>eng. 560</td>
<td>Teaching of Foreign Lang.</td>
<td>Daily</td>
<td>W37</td>
<td>Cavanaugh</td>
<td>3</td>
</tr>
<tr>
<td>fr. 101</td>
<td>Elementary French</td>
<td>Daily 2,3</td>
<td>Mo20</td>
<td>Sewart</td>
<td>3</td>
</tr>
<tr>
<td>fr. 102</td>
<td>Elementary French</td>
<td>Daily 2,3,4+lab</td>
<td>Mo1</td>
<td>Perlman</td>
<td>4</td>
</tr>
<tr>
<td>fr. 102</td>
<td>Elementary French</td>
<td>Daily 2,3,4+lab</td>
<td>Mo1</td>
<td>Perlman</td>
<td>4</td>
</tr>
<tr>
<td>Geol. 110A</td>
<td>Physical Geology</td>
<td>MTWTh2,3F2</td>
<td>B208</td>
<td>Harnsberger</td>
<td>4</td>
</tr>
<tr>
<td>Geol. 355</td>
<td>Paleobiology</td>
<td>MWF 2,3,4</td>
<td>B206</td>
<td>Farmer</td>
<td>3</td>
</tr>
<tr>
<td>Geol. 536</td>
<td>Paleobiology</td>
<td>TTh 2,3</td>
<td>B206</td>
<td>Farmer</td>
<td>3</td>
</tr>
<tr>
<td>Hlth. 200C</td>
<td>Personal &amp; Comm. Hlth.</td>
<td>MTWTh</td>
<td>J1</td>
<td>Schell</td>
<td>2</td>
</tr>
<tr>
<td>Hist. 233C</td>
<td>U.S. History to 1865</td>
<td>Daily</td>
<td>Mo101</td>
<td>Hallman</td>
<td>3</td>
</tr>
<tr>
<td>Hist. 234A</td>
<td>U.S. History Since 1865</td>
<td>Daily</td>
<td>K16</td>
<td>Henderson</td>
<td>3</td>
</tr>
<tr>
<td>Hist. 256</td>
<td>Hist. of Civ. Since 1650</td>
<td>Daily</td>
<td>M17</td>
<td>Marshall</td>
<td>3</td>
</tr>
<tr>
<td>Hist. 565</td>
<td>Twentieth Century Britain</td>
<td>Daily</td>
<td>M15</td>
<td>Wood</td>
<td>3</td>
</tr>
<tr>
<td>hist. 290</td>
<td>Textiles</td>
<td>Daily</td>
<td>Mo109</td>
<td>Linehan</td>
<td>3</td>
</tr>
<tr>
<td>hist. 610</td>
<td>New Devel. in Foods</td>
<td>Daily 3,4</td>
<td>Mo205</td>
<td>Rowe</td>
<td>3</td>
</tr>
<tr>
<td>SOC. 240B</td>
<td>Children’s Literature</td>
<td>Daily</td>
<td>L10</td>
<td>Finlay</td>
<td>3</td>
</tr>
<tr>
<td>SOC. 370A</td>
<td>Audio-Visual Materials</td>
<td>Daily +lab</td>
<td>L3</td>
<td>Mason</td>
<td>3</td>
</tr>
<tr>
<td>Math. 107G</td>
<td>Fundamentals of Mathematics</td>
<td>Daily</td>
<td>B320</td>
<td>Staff</td>
<td>3</td>
</tr>
<tr>
<td>Math. 108B</td>
<td>Fundamentals of Mathematics</td>
<td>Daily</td>
<td>B117</td>
<td>Hanson</td>
<td>3</td>
</tr>
<tr>
<td>Math. 125B</td>
<td>Introduction to College Math.</td>
<td>Daily</td>
<td>B8</td>
<td>Staff</td>
<td>3</td>
</tr>
<tr>
<td>Math. 208</td>
<td>Intuitive Found. of Geometry</td>
<td>MTWTh(1)</td>
<td>B111</td>
<td>Staff</td>
<td>2</td>
</tr>
<tr>
<td>Math. 550</td>
<td>Theory of Numbers</td>
<td>Daily</td>
<td>B119</td>
<td>Ziegenfus</td>
<td>3</td>
</tr>
<tr>
<td>Mus. 200C</td>
<td>Music in General Culture</td>
<td>Daily</td>
<td>DM209</td>
<td>Staff</td>
<td>3</td>
</tr>
<tr>
<td>Mus. 570</td>
<td>Analytical Studies in Mus. Lit.</td>
<td>Daily</td>
<td>DM103</td>
<td>Anderson</td>
<td>3</td>
</tr>
<tr>
<td>Phil. 240</td>
<td>Intro. to Philosophy</td>
<td>Daily</td>
<td>W38</td>
<td>Callahan</td>
<td>3</td>
</tr>
</tbody>
</table>

*Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15).*  
*Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12).*
<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P. E. 160B</td>
<td>Elementary Swimming</td>
<td>Daily</td>
<td>Pool</td>
<td>Bruce</td>
<td></td>
</tr>
<tr>
<td>P. E. 225C</td>
<td>Tennis, Int. Tennis</td>
<td>MTWTh</td>
<td>KG</td>
<td>Mills</td>
<td></td>
</tr>
<tr>
<td>P. E. 226B</td>
<td>Golf, Int. Golf</td>
<td>MTWTh</td>
<td>FSH</td>
<td>Rummel</td>
<td></td>
</tr>
<tr>
<td>P. E. 540</td>
<td>P. E. in Elem. Schools</td>
<td>Daily 3,4,7,8</td>
<td>DA200</td>
<td>Kruger</td>
<td></td>
</tr>
<tr>
<td>†P. E. 640</td>
<td>Prevention &amp; Care of Ath. Inj.</td>
<td>Daily 2,3</td>
<td>M12</td>
<td>Lipton</td>
<td></td>
</tr>
<tr>
<td>Phy. 121-122</td>
<td>General Physics</td>
<td>Daily 2,3,4,5</td>
<td>B12,15</td>
<td>Staff</td>
<td></td>
</tr>
<tr>
<td>Phy. 230</td>
<td>Health Physics</td>
<td>Daily 2,3</td>
<td>B23</td>
<td>Staff</td>
<td></td>
</tr>
<tr>
<td>P. E. 340A</td>
<td>Human Growth &amp; Development</td>
<td>Daily</td>
<td>W39</td>
<td>J. Driver</td>
<td></td>
</tr>
<tr>
<td>Psy. 240</td>
<td>Survey of Exceptional Children</td>
<td>Daily</td>
<td>DM110</td>
<td>Knight</td>
<td></td>
</tr>
<tr>
<td>†Psy. 357</td>
<td>Psychology of Personality</td>
<td>Daily 3,4</td>
<td>DM104</td>
<td>Mundy</td>
<td></td>
</tr>
<tr>
<td>Psy. 358</td>
<td>Abnormal Psychology</td>
<td>Daily 3,4</td>
<td>DM104</td>
<td>Moore</td>
<td></td>
</tr>
<tr>
<td>Psy. 488</td>
<td>Mental Tests &amp; Measurements</td>
<td>Daily</td>
<td>W40</td>
<td>Haynes</td>
<td></td>
</tr>
<tr>
<td>Psy. 628</td>
<td>Research in Adol. Psychology</td>
<td>Daily 2,3</td>
<td>W22</td>
<td>Caldwell</td>
<td></td>
</tr>
<tr>
<td>Sci. 310</td>
<td>Science in the Elementary Sch.</td>
<td>Daily 2,3</td>
<td>B11</td>
<td>Wells</td>
<td></td>
</tr>
<tr>
<td>*Psy. 425</td>
<td>Crime in America</td>
<td>MTWTh 2,3</td>
<td>HA102</td>
<td>Whitmer</td>
<td></td>
</tr>
<tr>
<td>*Psy. 530</td>
<td>Negro in America</td>
<td>Daily 3,4</td>
<td>B201</td>
<td>Smith</td>
<td></td>
</tr>
<tr>
<td>Speech 200A</td>
<td>Oral Communication</td>
<td>MTThF(1)</td>
<td>ZA</td>
<td>Moulton</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 122</td>
<td>Metal and Jewelry</td>
<td>Daily 3,4</td>
<td>DA1</td>
<td>Beer</td>
<td></td>
</tr>
<tr>
<td>Art 200</td>
<td>Art in General Culture</td>
<td>Daily</td>
<td>DA100</td>
<td>Coulter</td>
<td></td>
</tr>
<tr>
<td>Art 310</td>
<td>Art Act. in the Elem. School</td>
<td>Daily</td>
<td>DA100</td>
<td>Coulter</td>
<td></td>
</tr>
<tr>
<td>Art 373</td>
<td>Ceramics</td>
<td>Daily 3,4</td>
<td>DA103</td>
<td>Theodore</td>
<td></td>
</tr>
<tr>
<td>Art 526</td>
<td>Adv. Jewelry and Metalwork</td>
<td>Daily 3,4</td>
<td>DA103</td>
<td>Theodore</td>
<td></td>
</tr>
<tr>
<td>Art 570</td>
<td>Advanced Ceramic Design</td>
<td>Daily 3,4</td>
<td>DA103</td>
<td>Theodore</td>
<td></td>
</tr>
<tr>
<td>Art 670</td>
<td>Ceramics</td>
<td>Daily 3,4</td>
<td>DA103</td>
<td>Theodore</td>
<td></td>
</tr>
<tr>
<td>Bio. 110A</td>
<td>General Biology</td>
<td>Daily 3,4</td>
<td>B210</td>
<td>Staff</td>
<td></td>
</tr>
<tr>
<td>Bio. 110D</td>
<td>General Biology</td>
<td>Daily 3,4</td>
<td>B215</td>
<td>Davis</td>
<td></td>
</tr>
<tr>
<td>Bio. 130</td>
<td>General Botany</td>
<td>Daily 3,4</td>
<td>B113</td>
<td>Staff</td>
<td></td>
</tr>
<tr>
<td>Bio. 270</td>
<td>Human Physiology</td>
<td>MTWTh 3,4</td>
<td>B108</td>
<td>Staff</td>
<td></td>
</tr>
<tr>
<td>Bio. 290</td>
<td>Human Anatomy</td>
<td>Daily 3,4</td>
<td>B103</td>
<td>Grimm</td>
<td></td>
</tr>
<tr>
<td>Bio. 290N2</td>
<td>Human Anatomy</td>
<td>Daily 3,4</td>
<td>B116</td>
<td>Staff</td>
<td></td>
</tr>
<tr>
<td>Bio. 505</td>
<td>Natural History</td>
<td>Daily 3,4</td>
<td>B210</td>
<td>E. Fisher</td>
<td></td>
</tr>
<tr>
<td>Bio. 555</td>
<td>Introduction to Plant Physiology</td>
<td>Daily 3,4</td>
<td>B104</td>
<td>Ferry</td>
<td></td>
</tr>
<tr>
<td>Bus. Adm. 487</td>
<td>Marketing</td>
<td>Daily</td>
<td>M9</td>
<td>Burnett</td>
<td></td>
</tr>
<tr>
<td>*Bus. Ed. 610</td>
<td>Problems in Bus. Education</td>
<td>Daily 4,5</td>
<td>HA3</td>
<td>Walsh</td>
<td></td>
</tr>
</tbody>
</table>

*Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15).
†Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12).
<table>
<thead>
<tr>
<th>Department Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chem. 101A</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B301</td>
<td>Chappell</td>
<td>4</td>
</tr>
<tr>
<td>Chem. 101B</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B314</td>
<td>Palocsay</td>
<td>4</td>
</tr>
<tr>
<td>Chem. 102A</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B301</td>
<td>Chappell</td>
<td>4</td>
</tr>
<tr>
<td>Chem. 102B</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B314</td>
<td>Palocsay</td>
<td>4</td>
</tr>
<tr>
<td>Chem. 235</td>
<td>Organic Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B114</td>
<td>Simmons</td>
<td>4</td>
</tr>
<tr>
<td>Chem. 236</td>
<td>Organic Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B114</td>
<td>Simmons</td>
<td>4</td>
</tr>
<tr>
<td>Econ. 220B</td>
<td>Survey of Economics</td>
<td>Daily 3,4</td>
<td>M11</td>
<td>Wilhelm</td>
<td>3</td>
</tr>
<tr>
<td>Econ. 501</td>
<td>Industry in Action</td>
<td>Daily 3,4</td>
<td>M11</td>
<td>Wilhelm</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 360C</td>
<td>Found. of Curr.</td>
<td>Daily</td>
<td>W28</td>
<td>Rush</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 400</td>
<td>Speech Correction</td>
<td>Daily</td>
<td>AS18</td>
<td>O'Hare</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 470B</td>
<td>Hist. &amp; Phil. of Ed. Thought</td>
<td>Daily</td>
<td>M27</td>
<td>Joyce</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 502</td>
<td>The Elem. School Read. Program</td>
<td>Daily 4,5</td>
<td>M23</td>
<td>Kaslow</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 591</td>
<td>Elem. School Curriculum</td>
<td>Daily 4,5</td>
<td>M23</td>
<td>Blair</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 640</td>
<td>Fund. of Educational Admin. Practicum in Diag. &amp; Remed. Techniques in Reading</td>
<td>Daily</td>
<td>W21</td>
<td>R. Poindexter</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 660</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eng. 101D</td>
<td>Reading and Composition</td>
<td>Daily</td>
<td>W33</td>
<td>Farrar</td>
<td>3</td>
</tr>
<tr>
<td>Eng. 101I</td>
<td>Reading and Composition</td>
<td>Daily</td>
<td>W31</td>
<td>Rogers</td>
<td>3</td>
</tr>
<tr>
<td>Eng. 233B</td>
<td>Introduction to Literature</td>
<td>Daily</td>
<td>W32</td>
<td>Mahler</td>
<td>3</td>
</tr>
<tr>
<td>Eng. 234B</td>
<td>Introduction to Literature</td>
<td>Daily</td>
<td>W37</td>
<td>Morley-Mower</td>
<td>3</td>
</tr>
<tr>
<td>Eng. 601</td>
<td>Shakespeare</td>
<td>Daily</td>
<td>W25</td>
<td>J. Poindexter</td>
<td>3</td>
</tr>
<tr>
<td>Fr. 101</td>
<td>Elementary French</td>
<td>Daily 2,3,4, lab</td>
<td>Mo1</td>
<td>Perlman</td>
<td>4</td>
</tr>
<tr>
<td>Fr. 102</td>
<td>Elementary French</td>
<td>Daily 2,3,4, lab</td>
<td>Mo1</td>
<td>Perlman</td>
<td>4</td>
</tr>
<tr>
<td>Fr. 250</td>
<td>Conversation and Adv. Comp.</td>
<td>Daily 4,5</td>
<td>Mo20</td>
<td>Rauch</td>
<td>3</td>
</tr>
<tr>
<td>Geog. 120B</td>
<td>Introduction to Geography</td>
<td>Daily</td>
<td>K14</td>
<td>A. Hall</td>
<td>3</td>
</tr>
<tr>
<td>Geol. 110B</td>
<td>Physical Geology</td>
<td>MTWTh 4,5F4</td>
<td>B208</td>
<td>Harnsberger</td>
<td>4</td>
</tr>
<tr>
<td>Geol. 535</td>
<td>Paleobiology</td>
<td>MWF 2,3,4</td>
<td>B206</td>
<td>Farmer</td>
<td>3</td>
</tr>
<tr>
<td>Geol. 536</td>
<td>Paleobiology</td>
<td>TTTh 2,3</td>
<td>B206</td>
<td>Farmer</td>
<td>3</td>
</tr>
<tr>
<td>Hist. 233D</td>
<td>U.S. History to 1865</td>
<td>Daily</td>
<td>K14</td>
<td>Dingledine</td>
<td>3</td>
</tr>
<tr>
<td>Hist. 234B</td>
<td>U.S. History Since 1865</td>
<td>Daily</td>
<td>M28</td>
<td>Bland</td>
<td>3</td>
</tr>
<tr>
<td>Hist. 560</td>
<td>Modern France</td>
<td>Daily</td>
<td>M15</td>
<td>McFarland</td>
<td>3</td>
</tr>
<tr>
<td>Hist. Ec. 610</td>
<td>New Develop. in Foods</td>
<td>Daily 3,4</td>
<td>Mo205</td>
<td>Rowe</td>
<td>3</td>
</tr>
<tr>
<td>L.S. 365</td>
<td>Organization of Materials</td>
<td>Daily</td>
<td>L10</td>
<td>Finlay</td>
<td>3</td>
</tr>
<tr>
<td>L.S. 478</td>
<td>Cataloging</td>
<td>Daily + lab</td>
<td>L12</td>
<td>Riddle</td>
<td>3</td>
</tr>
<tr>
<td>Math. 107C</td>
<td>Fundamentals of Mathematics</td>
<td>Daily</td>
<td>B8</td>
<td>Staff</td>
<td>3</td>
</tr>
<tr>
<td>Math. 107D</td>
<td>Fundamentals of Mathematics</td>
<td>Daily</td>
<td>B318</td>
<td>Mullenex</td>
<td>3</td>
</tr>
</tbody>
</table>

*Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15).*

*Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12).*
### PERIOD 4—10:45-11:45 (continued)

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math.</td>
<td>207</td>
<td>Basic Concepts of Algebra</td>
<td>MTWTh(1)</td>
<td>B111</td>
<td>Staff</td>
<td>2</td>
</tr>
<tr>
<td>Math.</td>
<td>235</td>
<td>Analytic Geometry and Calculus</td>
<td>Daily 4,5</td>
<td>B119</td>
<td>Staff</td>
<td>5</td>
</tr>
<tr>
<td>Math.</td>
<td>385</td>
<td>Intermediate Calculus</td>
<td>Daily 4</td>
<td>B320</td>
<td>Staff</td>
<td>3</td>
</tr>
<tr>
<td>Math.</td>
<td>510</td>
<td>Advanced Calculus I</td>
<td>Daily</td>
<td>B117</td>
<td>G. Fisher</td>
<td>3</td>
</tr>
<tr>
<td>Mus.</td>
<td>375B</td>
<td>Music for Children</td>
<td>Daily</td>
<td>DM209</td>
<td>Lyon</td>
<td>3</td>
</tr>
<tr>
<td>Mus.</td>
<td>501</td>
<td>Choral Materials and Tech.</td>
<td>Daily</td>
<td>DM103</td>
<td>Ohlsson</td>
<td>3</td>
</tr>
<tr>
<td>Mus.</td>
<td>526</td>
<td>Advanced Conducting</td>
<td>Daily</td>
<td>DM103</td>
<td>Ohlsson</td>
<td>3</td>
</tr>
<tr>
<td>P.E.</td>
<td>226C</td>
<td>Golf, Int. Golf</td>
<td>MTWTh</td>
<td>FSH</td>
<td>Rummel</td>
<td>1</td>
</tr>
<tr>
<td>P.E.</td>
<td>630</td>
<td>Problems in Physical Education</td>
<td>Daily</td>
<td>K6</td>
<td>Bruce</td>
<td>3</td>
</tr>
<tr>
<td>P.S.</td>
<td>110</td>
<td>General Physical Science</td>
<td>Daily 4,5</td>
<td>B11,14</td>
<td>Staff</td>
<td>4</td>
</tr>
<tr>
<td>Phy.</td>
<td>121-122</td>
<td>General Physics</td>
<td>Daily 2,3,4,5</td>
<td>B12,15</td>
<td>Staff</td>
<td>8</td>
</tr>
<tr>
<td>Psy.</td>
<td>357</td>
<td>Psychology of Personality</td>
<td>Daily 3,4</td>
<td>DM104</td>
<td>Mundy</td>
<td>3</td>
</tr>
<tr>
<td>Psy.</td>
<td>358</td>
<td>Abnormal Psychology</td>
<td>Daily 3,4</td>
<td>DM104</td>
<td>Moore</td>
<td>3</td>
</tr>
<tr>
<td>Psy.</td>
<td>485</td>
<td>Psychology of Motivation</td>
<td>Daily</td>
<td>W22</td>
<td>Joniak</td>
<td>3</td>
</tr>
<tr>
<td>*Soc.</td>
<td>252</td>
<td>Population Problems</td>
<td>MTWTh 4,5</td>
<td>HA205</td>
<td>McCready</td>
<td>3</td>
</tr>
<tr>
<td>*Soc.</td>
<td>254</td>
<td>Social Stratification</td>
<td>MTWTh 4,5</td>
<td>HA205</td>
<td>McCready</td>
<td>2</td>
</tr>
<tr>
<td>*Soc.</td>
<td>312</td>
<td>Social Pathology</td>
<td>MTWTh 4,5</td>
<td>HA102</td>
<td>Whitmer</td>
<td>2</td>
</tr>
<tr>
<td>*Soc.</td>
<td>427</td>
<td>Juvenile Delinquency</td>
<td>MTWTh 4,5</td>
<td>W39</td>
<td>Whitmer</td>
<td>2</td>
</tr>
<tr>
<td>*Soc.</td>
<td>530</td>
<td>Negro in America</td>
<td>Daily 3,4</td>
<td>B201</td>
<td>Smith</td>
<td>2</td>
</tr>
<tr>
<td>*Span.</td>
<td>250</td>
<td>Spanish Conv. and Composition</td>
<td>Daily 4,5</td>
<td>HA206</td>
<td>Conis</td>
<td>3</td>
</tr>
<tr>
<td>Speech</td>
<td>200B</td>
<td>Oral Communication</td>
<td>MTThF(1),</td>
<td>ZA</td>
<td>Moulton</td>
<td>2</td>
</tr>
<tr>
<td>Speech</td>
<td>200C</td>
<td>Oral Communication</td>
<td>MWF(2)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PERIOD 5—11:55-12:55**

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>†Bus. Ed.</td>
<td>620</td>
<td>Advanced Studies in the Skill Business Subjects</td>
<td>Daily 4,5</td>
<td>HA3</td>
<td>Steagall</td>
<td>2</td>
</tr>
<tr>
<td>Econ.</td>
<td>220A</td>
<td>Survey of Economics</td>
<td>Daily</td>
<td>M9</td>
<td>Adkins</td>
<td>2</td>
</tr>
</tbody>
</table>

*Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15)
†Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12)
<table>
<thead>
<tr>
<th>Department Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ed. 502</td>
<td>The Elem. School Read. Prog.</td>
<td>Daily 4,5</td>
<td>M23</td>
<td>Kaslow</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 591</td>
<td>Elem. School Curriculum</td>
<td>Daily 4,5</td>
<td>M23</td>
<td>Blair</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 630</td>
<td>Research Methods in Education</td>
<td>Daily</td>
<td>W21</td>
<td>Mundy</td>
<td>3</td>
</tr>
<tr>
<td>Eng. 101E</td>
<td>Reading and Composition</td>
<td>Daily</td>
<td>W33</td>
<td>Morley- Mower</td>
<td>3</td>
</tr>
<tr>
<td>Eng. 101J</td>
<td>Reading and Composition</td>
<td>Daily</td>
<td>W31</td>
<td>J. Poin de x</td>
<td>3</td>
</tr>
<tr>
<td>Eng. 102C</td>
<td>Reading and Composition</td>
<td>Daily</td>
<td>W32</td>
<td>Callahan</td>
<td>3</td>
</tr>
<tr>
<td>Fr. 250</td>
<td>Conversation and Adv. Comp.</td>
<td>Daily 4,5</td>
<td>Mo20</td>
<td>Rauch</td>
<td>3</td>
</tr>
<tr>
<td>Ger. 231</td>
<td>Intermediate German</td>
<td>Daily 5,6</td>
<td>Mo101</td>
<td>Stewart</td>
<td>3</td>
</tr>
<tr>
<td>Ger. 232</td>
<td>Intermediate German</td>
<td>Daily 5,6</td>
<td>Mo101</td>
<td>Stewart</td>
<td>3</td>
</tr>
<tr>
<td>Span. 250</td>
<td>Spanish Conversation and Comp.</td>
<td>Daily 4,5</td>
<td>HA206</td>
<td>Conis</td>
<td>3</td>
</tr>
<tr>
<td>Geol. 110B</td>
<td>Physical Geology</td>
<td>MTWTh 4,5F4</td>
<td>B208</td>
<td>Harnsberger</td>
<td>4</td>
</tr>
<tr>
<td>Hlth. 203</td>
<td>Safety and First Aid</td>
<td>Daily</td>
<td>J1</td>
<td>Long</td>
<td>3</td>
</tr>
<tr>
<td>Hist. 477</td>
<td>Medieval History</td>
<td>Daily</td>
<td>M17</td>
<td>Marshall</td>
<td>3</td>
</tr>
<tr>
<td>Hist. 520</td>
<td>United States History, 1763-1800</td>
<td>Daily</td>
<td>K16</td>
<td>Hallman</td>
<td>3</td>
</tr>
<tr>
<td>H. Ec. 470</td>
<td>Home Management Residence</td>
<td>Daily 10:45-1:10</td>
<td>V.H.</td>
<td>Linehan</td>
<td>3</td>
</tr>
<tr>
<td>L.S. 366</td>
<td>Administration of School Libraries</td>
<td>Daily</td>
<td>L10</td>
<td>Riddle</td>
<td>3</td>
</tr>
<tr>
<td>L.S. 370B</td>
<td>Audio-Visual Materials</td>
<td>Daily+lab</td>
<td>L3</td>
<td>Mason</td>
<td>3</td>
</tr>
<tr>
<td>Math. 107E</td>
<td>Fundamentals of Mathematics</td>
<td>Daily</td>
<td>B8</td>
<td>Mullenex</td>
<td>3</td>
</tr>
<tr>
<td>Math. 235</td>
<td>Analytic Geometry and Calculus</td>
<td>Daily</td>
<td>B119</td>
<td>Staff</td>
<td>5</td>
</tr>
<tr>
<td>Math. 525</td>
<td>Numerical Analysis</td>
<td>Daily</td>
<td>B111</td>
<td>Staff</td>
<td>3</td>
</tr>
<tr>
<td>P. E. 160C</td>
<td>Elementary Swimming</td>
<td>Daily</td>
<td>Pool</td>
<td>Mills</td>
<td>1</td>
</tr>
<tr>
<td>Phys. 121-122</td>
<td>General Physics</td>
<td>Daily 2,3,4,5</td>
<td>B12,15</td>
<td>Staff</td>
<td>8</td>
</tr>
<tr>
<td>P.S. 110</td>
<td>General Physical Science</td>
<td>Daily 4,5</td>
<td>B11,14</td>
<td>Staff</td>
<td>4</td>
</tr>
<tr>
<td>Psy. 234B</td>
<td>Human Growth and Development</td>
<td>Daily</td>
<td>W28</td>
<td>Moore</td>
<td>3</td>
</tr>
<tr>
<td>Psy. 369</td>
<td>Psychology of Early Childhood</td>
<td>Daily</td>
<td>AS17</td>
<td>Winn</td>
<td>3</td>
</tr>
<tr>
<td>Psy. 486</td>
<td>History and Systems of Modern Psychology</td>
<td>Daily</td>
<td>DM110</td>
<td>Haynes</td>
<td>3</td>
</tr>
<tr>
<td>Sci. 520</td>
<td>Matter and Energy</td>
<td>Daily</td>
<td>B2</td>
<td>Wells</td>
<td>3</td>
</tr>
<tr>
<td>Soc. 252</td>
<td>Population Problems</td>
<td>MTWTh 4,5</td>
<td>HA205</td>
<td>McCready</td>
<td>2</td>
</tr>
<tr>
<td>Soc. 254</td>
<td>Social Stratification</td>
<td>MTWTh 4,5</td>
<td>HA205</td>
<td>McCready</td>
<td>2</td>
</tr>
<tr>
<td>Soc. 312</td>
<td>Social Pathology</td>
<td>MTWTh 4,5</td>
<td>HA102</td>
<td>Whitter</td>
<td>2</td>
</tr>
<tr>
<td>Soc. 427</td>
<td>Juvenile Delinquency</td>
<td>MTWTh 4,5</td>
<td>W39</td>
<td>Whitter</td>
<td>2</td>
</tr>
<tr>
<td>Speech 200D</td>
<td>Oral Communication</td>
<td>MTThF(1)</td>
<td>MWF(2)</td>
<td>ZB</td>
<td>H. Patterson</td>
</tr>
</tbody>
</table>

*Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15).*

*Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12).*

Madison College 97
### PERIOD 6—1:40-2:40

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art</td>
<td>160</td>
<td>Introductory Painting</td>
<td>Daily 6,7</td>
<td>DA201</td>
<td>Coulter</td>
<td>3</td>
</tr>
<tr>
<td>Art</td>
<td>360</td>
<td>Painting</td>
<td>Daily 6,7</td>
<td>DA201</td>
<td>Coulter</td>
<td>3</td>
</tr>
<tr>
<td>Art</td>
<td>460</td>
<td>Painting</td>
<td>Daily 6,7</td>
<td>DA201</td>
<td>Coulter</td>
<td>3</td>
</tr>
<tr>
<td>Art</td>
<td>560</td>
<td>Drawing and Painting</td>
<td>Daily 6,7</td>
<td>DA201</td>
<td>Coulter</td>
<td>3</td>
</tr>
<tr>
<td>Art</td>
<td>660</td>
<td>Drawing and Painting</td>
<td>Daily 6,7</td>
<td>DA201</td>
<td>Coulter</td>
<td>3</td>
</tr>
<tr>
<td>Bio.</td>
<td>520</td>
<td>Plant Ecology</td>
<td>Daily 6,7</td>
<td>B113</td>
<td>Ferry</td>
<td>3</td>
</tr>
<tr>
<td>Bio.</td>
<td>675</td>
<td>Aquatic Ecology</td>
<td>Daily 6,7</td>
<td>B210</td>
<td>E. Fisher</td>
<td>4</td>
</tr>
<tr>
<td>Chorus</td>
<td>109, 209, 309, 409</td>
<td>Chorus</td>
<td>MTWTh 6</td>
<td>DM209</td>
<td>Lyon</td>
<td>1</td>
</tr>
<tr>
<td>Econ.</td>
<td>230</td>
<td>Principles of Economics</td>
<td>Daily</td>
<td>M9</td>
<td>Adkins</td>
<td>3</td>
</tr>
<tr>
<td>Ed.</td>
<td>369</td>
<td>Methods and Materials in Teaching in the Elem. Grades</td>
<td>Daily</td>
<td>M23</td>
<td>Staff</td>
<td>3</td>
</tr>
<tr>
<td>Ed.</td>
<td>501</td>
<td>Seminar in Ed. Television</td>
<td>TH 6,7,8</td>
<td>AS17</td>
<td>Garlick</td>
<td>3</td>
</tr>
<tr>
<td>Ed.</td>
<td>506</td>
<td>Teaching Reading Skills</td>
<td>Daily 6,7,8</td>
<td>N</td>
<td>Darrin</td>
<td>3</td>
</tr>
<tr>
<td>Ed.</td>
<td>650</td>
<td>Supervision of Instruction</td>
<td>Daily 6,7,8</td>
<td>W21</td>
<td>Rush</td>
<td>3</td>
</tr>
<tr>
<td>*Ger.</td>
<td>231</td>
<td>Intermediate German</td>
<td>Daily 5,6</td>
<td>M101</td>
<td>Stewart</td>
<td>3</td>
</tr>
<tr>
<td>†Ger.</td>
<td>232</td>
<td>Intermediate German</td>
<td>Daily 5,6</td>
<td>M101</td>
<td>Stewart</td>
<td>3</td>
</tr>
<tr>
<td>Hth.</td>
<td>304</td>
<td>Traffic and Driver Safety</td>
<td>Daily</td>
<td>J1</td>
<td>Long</td>
<td>3</td>
</tr>
<tr>
<td>P.E.</td>
<td>160D</td>
<td>Elementary Swimming</td>
<td>Daily</td>
<td>Pool</td>
<td>Lipton</td>
<td>1</td>
</tr>
<tr>
<td>P.E.</td>
<td>386</td>
<td>Principles of Health and Physical Education</td>
<td>Daily</td>
<td>K6</td>
<td>Morrison</td>
<td>3</td>
</tr>
</tbody>
</table>

*Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15).
†Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12).
### PERIOD 7—2:50-3:50 (Continued)

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Period Day</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ed. 501</td>
<td></td>
<td>Seminar in Ed. Television Teaching Reading Skills Beyond the Elementary Grades</td>
<td>TTh 6,7,8</td>
<td>AS17</td>
<td>Garlick</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 506</td>
<td></td>
<td></td>
<td>Daily 6,7,8 (June 18-July 9)</td>
<td>N</td>
<td>Darrin</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Supervision of Instruction</td>
<td>Daily 6,7,8 (July 10-30)</td>
<td>W21</td>
<td>Rush</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 650</td>
<td></td>
<td>Phys. Ed. in Elem. Schools</td>
<td>Daily 3,4,7,8 (June 18-July 3)</td>
<td>DA200</td>
<td>Kruger</td>
<td>3</td>
</tr>
<tr>
<td>P.E. 540</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### PERIOD 8—4:00-5:00

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Period Day</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ed. 501</td>
<td></td>
<td>Seminar in Ed. Television Teaching Reading Skills Beyond the Elem. Grades</td>
<td>TTh 6,7,8</td>
<td>AS17</td>
<td>Garlick</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 506</td>
<td></td>
<td></td>
<td>Daily 6,7,8</td>
<td>N</td>
<td>Darrin</td>
<td>3</td>
</tr>
<tr>
<td>Ed. 650</td>
<td></td>
<td>Supervision of Instruction</td>
<td>Daily 6,7,8</td>
<td>W21</td>
<td>Rush</td>
<td>3</td>
</tr>
<tr>
<td>P.E. 540</td>
<td></td>
<td>Phys. Ed. in Elem. Schools</td>
<td>Daily 3,4,7,8 (June 18-July 3)</td>
<td>DA200</td>
<td>Kruger</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### LATE AFTERNOON COURSE

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Econ. 600</td>
<td></td>
<td>Contemporary Economics</td>
<td>MW 3:30-6:00 p.m.</td>
<td>M9</td>
<td>Kipps</td>
<td>3</td>
</tr>
</tbody>
</table>

### NIGHT COURSE

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Econ. 520</td>
<td></td>
<td>Labor Management</td>
<td>MW 7-9:30 p.m.</td>
<td>M9</td>
<td>Kipps</td>
<td>3</td>
</tr>
</tbody>
</table>

*Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15).
*Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12).
<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building Room No.</th>
<th>Instr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 501</td>
<td>Workshops in Art</td>
<td>(June 16-27)</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bio. 330</td>
<td>Genetics</td>
<td>B211</td>
<td>Jones</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bus. Ed. 510A</td>
<td>Workshop in New Curriculum Patterns (June 16-22)</td>
<td>(July 7-11)</td>
<td>Steagall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bus. Ed. 510B</td>
<td>Workshop in Office Practice</td>
<td>(August 4-8)</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bus. Ed. 680</td>
<td>Reading &amp; Research</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ed. 480</td>
<td>Directed Teaching</td>
<td>Daily</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ed. 495S</td>
<td>Teaching Problems</td>
<td>(July 21-25)</td>
<td>R. Poindexter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ed. 690</td>
<td>Practicum in Counseling</td>
<td>(August 4-8)</td>
<td>W. Hall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eng. 572</td>
<td>Contemporary Approaches to English Linguistics</td>
<td>Daily</td>
<td>Curtis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. Ec. 590A</td>
<td>Workshop in Occupational Train</td>
<td>(July 14-18)</td>
<td>Mo102, Mo205, L27</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. Ec. 590B</td>
<td>Seminar for Consulting Diet</td>
<td>(July 21-25)</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. Ec. 590C</td>
<td>Seminar in Applied Nutrition</td>
<td>(August 4-8)</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L.S. 490</td>
<td>Problems in School Librarianship</td>
<td></td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Music 200, 300, 561, 562</td>
<td>Study Abroad Program (June 23-August 5)</td>
<td></td>
<td>Ininger</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Virginia Music Camp—171, 172, 173, 174, 175, 176</td>
<td></td>
<td></td>
<td>Lyon</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P.E. 680</td>
<td>Reading and Research</td>
<td>K6</td>
<td>Staff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sci. 512</td>
<td>Natural Resources Conservation</td>
<td>9-12:00+field trips</td>
<td>Mundie</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speech 490</td>
<td>Directed Studies</td>
<td>Z</td>
<td>Moultone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speech 505</td>
<td>Seminar in Theatre Production</td>
<td>(June 18-August 11)</td>
<td>LST</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speech</td>
<td>High School Forensic Institute</td>
<td>(July 28-August 8)</td>
<td>R. Patterson</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Appearing in left-hand margin indicates the courses offered during the first-four weeks (June 18-July 15).*
†Appearing in left-hand margin indicates the courses offered during the second-four weeks (July 16-August 12).*
## COURSES OFFERED DURING THE FIRST FOUR WEEKS
### UNDERGRADUATE AND GRADUATE (JUNE 18-JULY 15)

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building</th>
<th>Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSINESS EDUCATION</td>
<td>610</td>
<td>Problems in Bus. Ed.</td>
<td>Daily 4,5</td>
<td>HA3</td>
<td>Walsh</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>640</td>
<td>Seminar in Automated Data Processing</td>
<td>Daily 2,3</td>
<td>HA2</td>
<td>Coffman</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>101A</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B301</td>
<td>Chappell</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>101B</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B314</td>
<td>Palocsay</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>235</td>
<td>Organic Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B114</td>
<td>Simmons</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>EDUCATION</td>
<td>591</td>
<td>Elem. School Curr.</td>
<td>Daily 4,5</td>
<td>M23</td>
<td>Blair</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ENGLISH</td>
<td>572</td>
<td>Cont. Approaches to English Linguistics</td>
<td>TBA</td>
<td></td>
<td>Curtis</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>FRENCH</td>
<td>101</td>
<td>Elem. French</td>
<td>Daily 2,3,4+ lab</td>
<td>Mo1</td>
<td>Perlman</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>231</td>
<td>Inter. French</td>
<td>Daily 1,2</td>
<td>B201</td>
<td>Rauch</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>250</td>
<td>Conversation &amp; Adv. Comp.</td>
<td>Daily 4,5</td>
<td>Mo20</td>
<td>Rauch</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GERMAN</td>
<td>231</td>
<td>Inter. German</td>
<td>Daily 5,6</td>
<td>Mo101</td>
<td>Stewart</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>FOREIGN LANGUAGE</td>
<td>550</td>
<td>Teaching of Foreign Lang.</td>
<td>Daily 2,3</td>
<td>Mo20</td>
<td>Stewart</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPANISH</td>
<td>231</td>
<td>Intermediate Spanish</td>
<td>Daily 1,2</td>
<td>HA206</td>
<td>Conis</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>250</td>
<td>Sp. Conv. &amp; Composition</td>
<td>Daily 4,5</td>
<td>HA206</td>
<td>Conis</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GEOLOGY</td>
<td>535</td>
<td>Paleobiology</td>
<td>MWF 2,3,4</td>
<td>B206</td>
<td>Farmer</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>HOME ECONOMICS</td>
<td>270</td>
<td>Management in Rel. to Personal &amp; Family Resources</td>
<td>Daily 1,2</td>
<td>Mo101</td>
<td>C. Driver</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>610</td>
<td>New Developments in Foods</td>
<td>Daily 3,4</td>
<td>Mo205</td>
<td>Rowe</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PSYCHOLOGY</td>
<td>357</td>
<td>Psychology of Personality</td>
<td>Daily 3,4</td>
<td>DM104</td>
<td>Mundy</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>628</td>
<td>Research in Adol. Psychology</td>
<td>Daily 2,3</td>
<td>W22</td>
<td>Caldwell</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ECONOMICS</td>
<td>501</td>
<td>Industry in Action</td>
<td>Daily 3,4</td>
<td>M11</td>
<td>Wilhelm</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SOCIOLOGY</td>
<td>252</td>
<td>Population Problems</td>
<td>Daily 4,5</td>
<td>HA205</td>
<td>McCready</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>312</td>
<td>Social Pathology</td>
<td>MTWTh 4,5</td>
<td>HA102</td>
<td>Whitmer</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>425</td>
<td>Crime in America</td>
<td>MTWTh 2,3</td>
<td>HA102</td>
<td>Whitmer</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>530</td>
<td>Negro in America</td>
<td>Daily 3,4</td>
<td>B201</td>
<td>Smith</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

*Madison College 101*
COURSES OFFERED DURING THE SECOND FOUR WEEKS UNDERGRADUATE AND GRADUATE (JULY 16-AUGUST 12)

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Course Title</th>
<th>Day Period</th>
<th>Building</th>
<th>Room No.</th>
<th>Instr.</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSINESS EDUCATION</td>
<td>520</td>
<td>Adv. Stud. in the Basic Bus. Subjects</td>
<td>Daily 2,3</td>
<td>HA3</td>
<td>Z. Dickerson</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEMISTRY</td>
<td>102A</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B301</td>
<td>Chappell</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>102B</td>
<td>General Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B314</td>
<td>Palocsay</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>236</td>
<td>Organic Chemistry</td>
<td>Daily 1,2,3,4</td>
<td>B114</td>
<td>Simmons</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>EDUCATION</td>
<td>502</td>
<td>The Elem. School Read. Program</td>
<td>Daily 4,5</td>
<td>M23</td>
<td>Kaslow</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>FRENCH</td>
<td>102</td>
<td>Elementary French</td>
<td>Daily 2,3,4</td>
<td>M1</td>
<td>Perlman</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>232</td>
<td>Intermediate French</td>
<td>Daily 1,2</td>
<td>B201</td>
<td>Rauch</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GERMAN</td>
<td>232</td>
<td>Intermediate German</td>
<td>Daily 5,6</td>
<td>Mo101</td>
<td>Stewart</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SPANISH</td>
<td>232</td>
<td>Intermediate Spanish</td>
<td>Daily 1,2</td>
<td>HA206</td>
<td>Connis</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>GEOLOGY</td>
<td>536</td>
<td>Paleobiology</td>
<td>MWF 2,3,4</td>
<td>B206</td>
<td>Farmer</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>TTh 2,3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOME ECONOMICS</td>
<td>320</td>
<td>Consumer Economics</td>
<td>Daily 1,2</td>
<td>M101</td>
<td>C. Driver</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PHYSICAL EDUCATION</td>
<td>640</td>
<td>Prevention &amp; Care of Athletic Injuries</td>
<td>Daily 2,3</td>
<td>M12</td>
<td>Lipton</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>PSYCHOLOGY</td>
<td>358</td>
<td>Abnormal Psychology</td>
<td>Daily 3,4</td>
<td>DM104</td>
<td>Moore</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>ECONOMICS</td>
<td>220B</td>
<td>Survey of Economics</td>
<td>Daily 3,4</td>
<td>M11</td>
<td>Wilhelm</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>SOCIOLOGY</td>
<td>254</td>
<td>Social Stratification</td>
<td>Daily 4,5</td>
<td>HA205</td>
<td>McCready</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>427</td>
<td>Juvenile Delinquency</td>
<td>MTWTh 4,5</td>
<td>W39</td>
<td>Whitmer</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>
INSTRUCTIONS TO APPLICANTS

1. Fill out the application form on the adjacent page and mail it to the Assistant Dean, 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.  Miss  Mrs.  Age__________________

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____________________________
   Other Period______________________________ (Dates)

104 Bulletin
# MADISON COLLEGE

Application for Admission

For Office Use

<table>
<thead>
<tr>
<th>Admitted</th>
<th>Rejected</th>
</tr>
</thead>
</table>

## SUMMER SESSION

| Date, 19__ |

Mr.  
Miss.  
Mrs.  

<table>
<thead>
<tr>
<th>Last Name</th>
<th>First Name</th>
<th>Middle Name</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Address</th>
<th>Street</th>
<th>Phone No.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>City</th>
<th>State</th>
<th>Zip Code</th>
</tr>
</thead>
</table>

Age  
Sex  
Year of graduation from high school

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:

<table>
<thead>
<tr>
<th>Institution</th>
<th>Period of attendance</th>
<th>Degree</th>
</tr>
</thead>
</table>

(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
□ d. Other

Major: Teaching Non-teaching

Undergraduate Graduate

□ d. Other

Indicate courses in which you plan to enroll:

<table>
<thead>
<tr>
<th>Department</th>
<th>Course No.</th>
<th>Section</th>
<th>Title of Course</th>
<th>Credits</th>
</tr>
</thead>
</table>

Indicate session you will attend and housing plan:
□ Eight-Week Session □ Room on Campus
□ First Four Weeks □ Day Student
□ Second Four Weeks □ If none of the above give dates

Indicate fees and/or deposits enclosed:
□ $ 5.00 Application Fee □ Have requested transcripts
□ $15.00 Room Deposit □ 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 Yes No

---

106 Bulletin
MADISON COLLEGE
HARRISONBURG, VIRGINIA

Statement of Student in Good Standing

This is to certify that ___________________________ Last Name First Name Middle Name

has completed ___________________________ (session) (semester) (quarter) hours of ___________________________.

work at ___________________________ Name of College located at ___________________________.

and is a student in good standing.

Signature of Registrar ___________________________ 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 Dean of the College, Madison College, Harrisonburg, Virginia 22801.

MADISON COLLEGE
HARRISONBURG, VIRGINIA

Statement of Honorable Dismissal

This is to certify that ___________________________ Last Name First Name Middle Name

(was graduated from) or (withdrew from) ___________________________.

located at ___________________________.

on ___________________________.

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 Dean of the College, Madison College, Harrisonburg, Virginia 22801.
<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Probation</td>
<td>35</td>
</tr>
<tr>
<td>Academic Regulations</td>
<td>31-36</td>
</tr>
<tr>
<td>Academic Status</td>
<td>31</td>
</tr>
<tr>
<td>Accelerated Program</td>
<td>15</td>
</tr>
<tr>
<td>Administration, Officers of</td>
<td>4-5</td>
</tr>
<tr>
<td>Admission</td>
<td>17-19</td>
</tr>
<tr>
<td>Announcements</td>
<td>29-30</td>
</tr>
<tr>
<td>Application</td>
<td>17, 105-106</td>
</tr>
<tr>
<td>Art</td>
<td>43-45</td>
</tr>
<tr>
<td>Attendance Policy</td>
<td>34-35</td>
</tr>
<tr>
<td>Auditors</td>
<td>36</td>
</tr>
<tr>
<td>Automobile Regulations</td>
<td>29</td>
</tr>
<tr>
<td>Biology</td>
<td>46-48</td>
</tr>
<tr>
<td>Business Administration</td>
<td>83</td>
</tr>
<tr>
<td>Business Education</td>
<td>49-50</td>
</tr>
<tr>
<td>Calendar, Summer Session</td>
<td>ii</td>
</tr>
<tr>
<td>Certified Absences</td>
<td>34</td>
</tr>
<tr>
<td>Chemistry</td>
<td>51</td>
</tr>
<tr>
<td>Classification</td>
<td>31</td>
</tr>
<tr>
<td>College Bookstore</td>
<td>30</td>
</tr>
<tr>
<td>Commencement</td>
<td>ii</td>
</tr>
<tr>
<td>Contents</td>
<td>2</td>
</tr>
<tr>
<td>Course Change</td>
<td>35</td>
</tr>
<tr>
<td>Course Numbers</td>
<td>42</td>
</tr>
<tr>
<td>Courses of Instruction</td>
<td>42</td>
</tr>
<tr>
<td>Degree Programs</td>
<td>16</td>
</tr>
<tr>
<td>Dining Hall</td>
<td>28</td>
</tr>
<tr>
<td>Economics</td>
<td>83-84</td>
</tr>
<tr>
<td>Education</td>
<td>52-57</td>
</tr>
<tr>
<td>English Language and Literature</td>
<td>58-60</td>
</tr>
<tr>
<td>Examination Schedule</td>
<td>Inside Back Cover</td>
</tr>
<tr>
<td>Expenses</td>
<td>20-21</td>
</tr>
<tr>
<td>Extension Courses, Credit for</td>
<td>36</td>
</tr>
<tr>
<td>Faculty Advisers</td>
<td>15</td>
</tr>
<tr>
<td>Faculty, Summer Session</td>
<td>6-13</td>
</tr>
</tbody>
</table>
EXAMINATION SCHEDULE

FIRST FOUR WEEKS

Tuesday, July 15, 1969
1:00-3:30 P.M.—All Classes

EIGHT-WEEK SESSION

SECOND FOUR WEEKS

Friday, August 8, 1969
8:30 A.M.-11:00 A.M.—First Period Classes
12:00 A.M.- 3:30 P.M.—Third Period Classes

Saturday, August 9, 1969
8:30 A.M.-11:00 A.M.—Second Period Classes
1:00 A.M.- 3:30 P.M.—Fifth Period Classes

Monday, August 11, 1969
8:30 A.M.-11:00 A.M.—Fourth Period Classes
1:00 A.M.- 3:30 P.M.—Sixth Period Classes