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MADISON COLLEGE
Volume XXXIV, Number 2

This supplement has been prepared to update the 1975-1977 Graduate Catalog. Specific information in this publication includes: additions to the Graduate Faculty, changes in course designators, titles, credit hours, course descriptions, new courses, deletions, and new programs. The academic calendar and fees are published each semester in the “Schedule of Classes.” For further information concerning the Graduate School, contact: Dean of the Graduate School, Madison College, Harrisonburg, VA 22801, or call (703) 433-6131.
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Commission on Graduate Studies and Research

CHARLES G. CALDWELL, A.B., M.A., Ph.D., Chairman
J. WILLIAM HANLON, B.S., M.S., Ph.D.
JULIUS B. ROBERSON, B.S., M.A., Ed.D.
JOHN SWEIGART, A.B., Ph.D.
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JOHN T. LYON, JR., B.S., M.A., Ph.D.
JOHN P. MUNDY, B.A., M.A., Ph.D., ex officio
WILLIAM R. NELSON, J.D., LL.M., M.A., Ph.D., ex officio
WAYNE BARRY, B.S., M.Ed.
KAY CLINE, B.A.
CATHERINE ELICK, B.A.
MELISSA KIPP, B.S.

Graduate Academic Review Board
(Formerly, Graduate Council)

CHARLES G. CALDWELL, A.B., M.A., Ph.D., Chairman
J. DAVID DILLER, B.F.A., M.F.A., Ph.D.
PETER T. NIELSEN, B.S., Ph.D.
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PAUL H. STEAGALL, JR., B.S., M.Ed., Ph.D.
JAMES L. RUFF, B.A., M.A., Ph.D.
DANIEL McFARLAND, A.B., M.A., Ph.D.
RAYMOND CARL RAMQUIST, Ph.B., M.A., M.S.Ed., Ed.D.
THOMAS BRUCE MCLEAN, B.S.Ed., M.A., Ph.D.
S. JAMES KURTZ, B.A., M.A., Ph.D.
PATRICIA BRUCE, A.B., M.Ed., P.E.D.
Review Board (continued)

GERALD R. TAYLOR, JR., B.S., M.S., Ph.D.
JOSEPH ENEDY, B.S., M.S., Ph.D.
CHARLES M. HARRIS, B.A., B.D., M.A., Ph.D.
JESSE STUART LILES, A.B., M.Ed., Ed.D.
BETTY JUNE WILSON LANDIS, B.S., M.S.Ed., Ph.D.
WILLIAM R. NELSON, J.D., L.L.M., M.A., Ph.D., ex officio

Graduate School
Administrative Changes

Acting Dean, School of Education .......... DR. JULIUS ROBERSON
Head, Department of Economics .......... DR. MORTON SCHNABEL
Head, Department of Library Science and Educational Media .. DR. RAYMOND RAMQUIST
Head, Department of Music .......... DR. JOSEPH J. ESTOCK
Acting Head, Department of Secondary Education and School Administration .. DR. WILLIAM D. SMITH
Head, Department of Psychology .......... DR. HAROLD McGEe

New Graduate Faculty

VIRGINIA ANDREOLI, Assistant Professor of Psychology. B.A., University of Waterloo; M.A., Ph.D., University of North Carolina.

JANET ELIZABETH AULT, Assistant Professor of Mathematics. B.A., Western Washington State College; Ph.D., Pennsylvania State University.
THOMAS M. BERTSCH, Assistant Professor of Business Administration. B.S., M.S., Northern Illinois University; Ph.D., Louisiana State University.

EMMETT NOEL BOWLING, Assistant Professor of Education. B.A., M.A.T., Lynchburg College; Ed.D., University of Virginia.

WILLIAM F. CLARK, Assistant Professor of Geography. B.S., Old Dominion College; M.S., John Marshall University; M.S., Ph.D., Michigan State University.

JOHN W. DAVENPORT, Assistant Professor of Mathematics. B.S., Union University; M.S., University of Mississippi; Ph.D., Texas Tech University.

MICHAEL D. DAVIS, Assistant Professor of Elementary and Early Childhood Education. B.S.Ed., State University of New York (Buffalo); M.Ed., University of Buffalo; Ph.D., University of Illinois.

JAMES ELMER DENDINGER, Assistant Professor of Biology. B.S., M.A., California State University (Long Beach); Ph.D., University of Massachusetts.

RONALD ALLEN FINCH, Assistant Professor of Psychology. B.S., Memphis State University; M.S., University of Tennessee at Martin; Ed.D., Memphis State University.

LOUIS FINKLE, Assistant Professor of Special Education. B.S., M.S., North Carolina State University; Ph.D., George Peabody College for Teachers.

JAMES G. FOX, Associate Professor of Business Administration. B.S., University of Maryland; M.A., D.B.A., George Washington University.

CLARENCE R. GEIER, Associate Professor of Anthropology. B.A., M.A., Ph.D., University of Missouri.

FINIS HERBERT GOODYEAR, Associate Professor of Communication Arts. B.S. in Ed., M.Ed., Texas Tech University; Ph.D., University of Texas.

ROGER ALLAN HALL, Assistant Professor of Communication Arts. A.B., Princeton University; M.A., Ph.D., Ohio State University.
PHILIP JAMES, Assistant Professor of Art. B.S., Indiana University; M.A., Columbia University; Ed.D., University of Illinois.

ELWOOD T. JOHNSON, Assistant Professor of Business Administration. B.S., Columbia Union College; M.A., Ph.D., University of Alabama.

JOSEPH T. KOSNIK, Associate Professor of Business Administration. B.N.S., University of Notre Dame; B.S.F.S., Georgetown School of Foreign Service; M.B.A., Harvard University; D.B.A., George Washington University.

BETTY JUNE LANDIS, Associate Professor of Special Education. B.S., Richmond Professional Institute; M.S.Ed., Madison College; Ed.D., George Washington University.

ROBERT L. LEMBRIGHT, Assistant Professor of History. B.A., Miami University of Ohio; M.A., Ph.D., Ohio State University.

KA-NGO LEUNG, Assistant Professor of Physics. B.S., Chinese University of Hong Kong; M.S., University of Akron; Ph.D., University of California at Los Angeles.

ALLEN W. LYNDRUP, Assistant Professor of Communication Arts. B.A., Wartburg College; M.F.A., University of Georgia.

CHARLES D. McBRIAN, Assistant Professor of Sociology. B.A., Stanford University; M.A., Ph.D., Harvard University.

HAROLD J. McGEE, Professor of Special Education. B.S., Old Dominion University; M.Ed., Ed.D., University of Virginia.

J. GERALD MINSKOFF, Professor of Special Education. B.A., Newark State College; M.S., University of Illinois; Ed.D., Yeshiva University.

JOSEPH A. MUIA, Assistant Professor of Elementary and Early Childhood Education. B.S. in Ed., University of Scranton; M.Ed., Bloomsburg State College; D.Ed., Pennsylvania State University.

NANCY K. O'HARE, Associate Professor of Special Education. B.A., Seton Hill College; M.Ed., University of Pittsburgh; Ph.D., University of Virginia.
RAYMOND RAMQUIST, Associate Professor of Library Science and Educational Media. Ph.B., DePaul University; M.A., University of Minnesota; M.S.Ed., Ed.D., Indiana University.

JACKSON EUGENE RAMSEY, Assistant Professor of Business Administration. B.S., University of Cincinnati; M.B.A., State University of New York at Buffalo; Ph.D., State University of New York at Buffalo.

JULIUS B. ROBERSON, Professor of Education. B.S., M.A., Memphis State University; Ed.D., University of Tennessee.

MORTON SCHNABEL, Associate Professor of Economics. B.B.A., City College of New York; Ph.D., Northwestern University.

GARY L. SHAFFER, Assistant Professor of Elementary and Early Childhood Education. B.S., Murray State University; M.S., Ed.D., University of Southern Mississippi.

LEON C. SMITH, Associate Professor of Communication Arts. A.B., University of North Carolina; M.A., Clemson University; Ph.D., Ohio University.

CHARLES TERRY STARKEY, Assistant Professor of Special Education. B.A., Miami University of Ohio; M.A., Ph.D., University of Wisconsin.

HAROLD RICHARD TRAVIS, Assistant Professor of Physical & Health Education. B.A., Wesleyan University; M.S., Ph.D., Oregon State University.

BYRON S. WILLS, Assistant Professor of Psychology. B.S., Whitworth College; M.S., University of Oregon; Ph.D., Oregon State University.

RONALD J. WYANCKO, Assistant Professor of Art. B.F.A., University of Kansas; M.A., Arizona State University; M.F.A., University of Kansas.
GENERAL INFORMATION

NEW PROGRAMS
Major in Speech Pathology (MS degree)
Minor in Gifted Education

ACADEMIC CALENDAR AND SCHEDULE OF CLASSES

The Schedule of Classes is published each semester and includes the academic calendar. Current fees, examination schedules, new courses, course deletions, and related information are published in this schedule. Contact the Graduate School Office for this publication.

ASSISTANTSHIPS

Three types of assistantships are offered through the Graduate School Office for graduate students in degree programs. These are: Graduate Assistant, Service Assistant, and Teaching Assistant. The number of positions available varies from year to year within each department or activity. Specific allocations to departments are made in the early spring. Assistantship positions are offered to some non-academic activities also, with allocations and positions varying each year.

Application forms (required in duplicate) may be obtained in the Graduate School Office. Awards are announced around June 1 of each year, with final decisions made by August 1. Awards are made for full-time appointments only. Course loads and work assignments are adjusted accordingly.

Graduate Assistant. Assignment under this classification is to an academic department to assist faculty members in preparing for instruction, grading papers, conducting research, preparing laboratories, routine departmental administration, etc. A graduate assistant is expected to register for approximately 9 semester hours of work, work 15 hours a week on assigned duties, and pay full-time tuition.

Service Assistant. This is a new classification to be effective September 1976. Assignments are to an academic department or an administrative office or other non-academic activity. Specific duties will vary, and assignments may not be comparable because of the variety of areas of responsibilities. A service assistant is expected to register for approximately 9 semester hours of coursework, work 15 hours per week, and pay full-time tuition.
Teaching Assistant. A student awarded a Teaching Assistant position will be assigned to an academic department. Awards will be made to second-year or exceptional first-year graduate students. A teaching assistant is expected to have close supervision by an experienced faculty member, and teach 6 hours or its equivalent. A teaching assistant will register for 6 semester hours of coursework, and pay full-time tuition.

Appointments are made according to the number and types of allocations to each department or activity, as well as qualifications of applicants for the positions.

COMMUTER STUDENT ASSISTANCE

The Office of The Assistant Dean of Students is responsible for assessing the needs of off-campus students and for coordinating services and programs designed to meet those needs. Any off-campus student having landlord-tenant difficulties, parking problems, or other concerns should contact the Assistant Dean.

OFF-CAMPUS HOUSING

Students interested in obtaining information about off-campus housing available in the Harrisonburg area should contact the Housing Assignments Secretary in the Office of Residence Halls.

THE COUNSELING CENTER

Counseling Center services are available to all undergraduate and graduate students, faculty and staff seeking confidential help in the clarification and resolution of personal, vocational or educational problems which may interfere with a successful college or life experience. The Counseling Center is located on the second floor of Alumnae Hall and its services are available without charge.

The Center is staffed by psychologists and a study skills coordinator. Their primary responsibility is to provide professional assistance in an atmosphere which enables a person to make his own decisions and choices and assures his right to self-determination. A close professional relationship is maintained between the Counseling Center staff and the college psychiatrist.

Regardless of the type of problem presented by the student, all information with respect to the student's relationship to the Counseling Center is completely private and confidential.
THE WARREN CAMPUS CENTER

The Campus Center acts as the base from which most student activities originate. The facilities in the Campus Center include a restaurant, ballrooms, meeting rooms, television room, faculty lounge, general lounge, study lounge, recreation area, employment office, craft center, bookstore, bank, post office, print shop, Student Government offices, Honor Council office, Bluestone office, Greek offices, Programming office and Directorate offices. There is also a Book For Sale board and Ride Board located in the building. Camping equipment is also available here for rental by students.

There are at least two movies every week and approximately five major concerts per year. In addition to these programs the Campus Program Board (made up entirely of students) sponsors entertainment through the NEC-Coffee House Circuit, Dinner Theatres, Dances and Video Tape presentations.

The Student Activities office also offers mini-courses in canoeing, candle making, leather crafts, basic mechanics, auto racing, basic camping techniques and others.

RESIDENCE HALL ASSISTANTSHIPS

Graduate students are encouraged to contact the Director of Residence Halls for information about residence hall staff positions. A brief description of the responsibilities of Head Residents and Resident Advisors can be found on page 54 of the Graduate Catalog.

RESIDENCE REQUIREMENT

The residence requirement for candidates in a degree program was deleted by action of the College Council on March 25, 1976.
Art

Applicants for a graduate minor in art must submit a portfolio of their work to the graduate faculty of the Art Department, meeting the same standards of quality required of art majors.

New Course
ART 508. INTERNSHIP IN MUSEOLOGY. 3-6 CREDITS. (REPEATABLE). (Crosslisted as History 508).

An internship program which allows the student to study the philosophy and practice of museology and provides an opportunity for individual research and experience in preparation for careers in art museums. Enrollment in this course subject to approval of Art and History Department Heads.

Course Change
ART 501. WORKSHOP IN ART. 1-3 CREDITS. (REPEATABLE TO 6 CREDITS).

Workshops, accompanied by lecture and discussion periods, selected from such areas as painting, sculpture, printmaking, ceramics, art education, photography, crafts, and art history. In studio workshops 30 contact hours will be required for each credit hour.

Biology

Course Changes
BIO 506. RESEARCH PUBLICATION METHODS. 1 CREDIT.

Bibliographic and graphic methods, including microscopy, photomicrography, scientific drawing and writing, and preparation of manuscripts. For graduate students conducting thesis research. By permission of instructor only.

BIO 525. MEDICAL ENTOMOLOGY. 4 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. (Formerly BIO 640.)

BIO 535. INSECT ECOLOGY. 4 CREDITS.

The environmental relations of insects, including insect development, habits, distribution and abundance. Emphasis is on field studies. (Formerly BIO 690.)
"The Graduate Management Admission Test (GMAT) is required of all applicants for the MBA. This instrument measures aptitudes important to the study of business, and should be taken prior to or during the 1st semester of study." This test was formerly known as the Admission Test for Graduate study in Business (ATGSB).

Course Changes

**BUAD 506. QUANTITATIVE ANALYSIS I. 3 CREDITS. (Crosslisted as ECON 506)**

Probability theory and its applications to decision making in the corporation. Topics covered include frequency and sampling distributions, hypothesis testing, and estimation. Not open to undergraduates in business administration.

**BUAD 515. FINANCIAL ACCOUNTING. 3 CREDITS.**

Concerned with the overall accounting function from analysis of business transactions and their systematic recording to the interpretation of the resulting financial statements. Not open to undergraduates in business administration.

**BUAD 531. MANAGEMENT SYSTEMS. 3 CREDITS.**

Concepts of business management, decision processes, management functions, and business resources presented in the framework of an integrated systems overview of the firm. Not open to undergraduates in business administration.

**BUAD 574. MARKETING ANALYSIS. 3 CREDITS.**

Analysis, planning and control of the marketing function viewed as an integral part of the total operation of the firm. Includes consumer behavior, pricing, and channels of distribution. Not open to undergraduates in business administration.

**BUAD 602. QUANTITATIVE ANALYSIS II. 3 CREDITS. (Crosslisted as ECON 602)**
Economics

DR. SCHNABEL, Head of the Department

The Department of Economics has recently formed from the Department of Business Administration, and offers a minor program in Economics for students in the Master of Education degree program.

New Courses

**ECON 506. QUANTITATIVE ANALYSIS I. 3 CREDITS. (Crosslisted as BUAD 506)**

**ECON 602. QUANTITATIVE ANALYSIS II. 3 CREDITS. (Crosslisted as BUAD 602)**

***Elementary and Early Childhood Education***

**New Program**

Minor in Education of the Gifted

This minor program is designed for students who desire concentrated study of educational programs for gifted children in the elementary school.

<table>
<thead>
<tr>
<th>Required Courses</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PSYC 629 Psychology of the Gifted</strong></td>
<td>9</td>
</tr>
<tr>
<td><strong>ELED 560 Teaching the Gifted in the Elementary School</strong></td>
<td></td>
</tr>
<tr>
<td><strong>SPED 520 Field Experience in Teaching the Gifted</strong></td>
<td></td>
</tr>
</tbody>
</table>

| Elective | 3 |

**New Courses**

**ELED 531. DIAGNOSIS AND REMEDIATION IN MATHEMATICS. 3 CREDITS.**

Develops competency in the diagnosis and remediation of pupil learning difficulties in mathematics. *Prerequisites: ELED 358 or ELED 530 or equivalent.*

**ELED 551. CAREER EDUCATION AND THE ELEMENTARY CURRICULUM. 3 CREDITS.**

Designed to provide the preservice and inservice teacher with basic understanding of the essential aspects of career education in the elementary school curriculum.
ELED 560. TEACHING THE GIFTED IN THE ELEMENTARY SCHOOL. 3 CREDITS.

Principles which guide the differentiation of instruction for gifted children are studied. Specific attention is given to techniques for meeting the needs of gifted children in the elementary school classroom.

Course Changes

ELED 502 has been changed to READ 502
ELED 506 has been changed to READ 506
ELED 515 has been changed to READ 515
ELED 580 has been changed to READ 580
ELED 658 has been changed to READ 658
ELED 660 has been changed to READ 660
ELED 665 has been changed to READ 665

Geology

Course Changes

GEOL 501. WORKSHOP IN GEOLOGY. 1-3 CREDITS.

GEOL 535. PALEOBIOLOGY. 3 CREDITS.

Principles of study; techniques, and problems of dealing with organisms and communities preserved in the fossil record. Independent or group research will be emphasized on one or more of the major fossil taxa. Prerequisite: One year of Biology or Geology.

History

Page 101, change present statement in regard to prerequisites to the following:

Prerequisites for enrolling in graduate courses in History are: HIST 233-234, United States History, or equivalent, for courses in United States or Latin American History; and General Studies History, or equivalent, for courses in European, African, or Asian History.
New Courses

HIST 508. INTERNSHIP IN MUSEOLOGY. 3 CREDITS. (Crosslisted as ART 508)

An internship which allows the student to study the philosophy and practice of museology and provides an opportunity for individual research and experience in preparation for careers in art museums. Enrollment in this course subject to approval of Art and History Department Heads.

HIST 679. SELECTED TOPICS IN HISTORY. 3 CREDITS.

An in-depth study of a selected topic or theme in history. This course may be repeated for credit when content is different. See Schedule of Classes for current topic.

Home Economics

Course Deletion

HE 540. CLOTHING CONSTRUCTION TECHNIQUES. 3 CREDITS.

Library Science and Educational Media

DR. RAMQUIST, Head of the Department

Page 109, paragraph four should be revised to read:

Other educators presently holding the Collegiate Professional Certificate but not the School Librarian Endorsement who are seeking certification for professional positions in school library media services must take or have taken the following courses or their equivalents: LSEM 340 Information Sources, LSEM 365 Organization of Materials, LSEM 366 Administration of School Libraries, LSEM 580 Internship in School Library Media Services, LSEM 511 Survey of Books for Children, LSEM 512 Survey of Books for Adolescents, and LSEM 540 Audio-Visual Instruction. Only LSEM 511, LSEM 512 and LSEM 540 would count toward the master's degree. After completing all these requirements, the student may then continue in the masters program.
New Courses

LSEM 550. TOURING INSTRUCTIONAL MEDIA. 3 CREDITS.
A summer tour of instructional/school media centers in different geographical locations of the United States. The tour will emphasize current trends in instructional media, physical plant facilities, and administrative structure of services.

LSEM 670. PRACTICUM IN SCHOOL LIBRARY MEDIA SERVICES. 1-6 CREDITS.
Provides a variety of supervised field experiences in school media centers and other media settings. In consultation with instructor, activities and location will be chosen for the field experience. Prerequisite: Permission of instructor.

Course Changes

LSEM 540. AUDIO-VISUAL INSTRUCTION. 3 CREDITS.
Formerly EDUC 520.

LSEM 542. PRODUCTION OF INSTRUCTIONAL MATERIALS. 3 CREDITS.
Formerly EDUC 521.

LSEM 641. MEDIATED INSTRUCTIONAL SYSTEMS. 3 CREDITS.
Advanced topics and techniques of planning and producing audio-visual instructional materials. Extensive laboratory practice will be provided. Prerequisite: LSEM 542. (Formerly EDUC 661.)

LSEM 643. SEMINAR IN INSTRUCTIONAL TECHNOLOGY. 3 CREDITS.
Formerly EDUC 663.

Mathematics

New Course

MATH 507. SPECIAL TOPICS IN MIDDLE GRADE MATHEMATICS. 3 CREDITS.
This course will provide an introduction to content new to the contemporary mathematics curriculum. Among the areas that will be investigated are the mathematics of change, the elements of statistics, and selected applications of mathematics. (This course is not applicable to a degree program.)
Music

DR. ESTOCK, Head of the Department

The Department of Music offers a program of graduate study leading to the Master of Music Education degree. This degree replaces the former program with a major in Music leading to the Master of Arts in Education degree.

Minimum requirements for a Music Major

<table>
<thead>
<tr>
<th>Required courses</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUED 613</td>
<td>3</td>
</tr>
<tr>
<td>Music methods, music education, and pedagogy to be selected from:</td>
<td>6</td>
</tr>
<tr>
<td>MUS 502, 510, 526, 574, 576, 577, 578, 680; MUED 501, 571, 572, 573, 574, 579, 580, 610, 611, 612</td>
<td></td>
</tr>
<tr>
<td>Music theory and literature, one course to be selected from:</td>
<td>3</td>
</tr>
<tr>
<td>MUS 530, 541, 542, 543, 544, 551, 552, 563, 564, 567, 569, 570, 576, 605, 661, 662, 680</td>
<td></td>
</tr>
<tr>
<td>Applied Music, to be selected from:</td>
<td>3-4</td>
</tr>
<tr>
<td>MUAP 611, 612, 613, 614 (1 credit each); or, MUAP 621, 622 (2 credits each) to total 2-4 credits on major instrument, and MUAP 511, 512, 513, 514 (1 credit each), 1-2 credits on minor instrument</td>
<td></td>
</tr>
</tbody>
</table>

Electives in music and music education from courses listed in 2 or 3 above (Students may elect graduate courses given in conjunction with the Virginia State Music Camp at Massanetta Springs not to exceed a total of six semester hours—see course description.)

Education courses to be selected by the student and his adviser, in consultation with the appropriate education department

Minimum requirements for a Music Minor

<table>
<thead>
<tr>
<th>Required courses</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUED 613</td>
<td>3</td>
</tr>
<tr>
<td>One of the following with the approval of the music adviser:</td>
<td>3</td>
</tr>
<tr>
<td>MUS 563, 564, 661, 662; or MUS 502, 510, 526, 530, 541, 542, 605, 680, or MUED 610 or 612</td>
<td></td>
</tr>
</tbody>
</table>

Electives Selected from other music courses listed in 2 or 3 above (Students may elect graduate courses given in conjunction...
with the Virginia State Music Camp at Massanetta Springs
not to exceed a total of six semester hours—see course
description)

MUSIC

New Courses

MUS 543-544. COUNTERPOINT. 2 CREDITS.
Tonal counterpoint. Two, three, and four voice forms, florid counter-
point. Elementary imitative techniques. Form analysis. Prerequisites:
MUS 242; MUS 543 is prerequisite to MUS 544.

MUS 551-552. MUSIC COMPOSITION. 2 CREDITS.
Advanced level of music composition with relation to 20th century
techniques utilizing serial, aleatoric and electronic music resources.
Theory and composition majors meet privately with instructor one half-
hour per week in addition to class instruction. Prerequisite: MUS 352.

MUS 567. SOLO VOCAL LITERATURE. 3 CREDITS.
A survey of specific areas of vocal literature to include the Early
English Air, Classic Italian Art Songs, the German Lied, the French Art
Song, Contemporary Art Song, Opera, and Oratorio.

MUS 569. CHURCH MUSIC. 2 CREDITS.
A course for organists, designed to develop the practical skills re-
quired of a church musician. Study and performance of hymns, solo and
anthem accompanists, the liturgies of major religious denominations,
and selected service music for the church year. This course will require
that the student have proficiency on the instrument to the level of Organ
325 or the equivalent.

MUS 570. ORGAN LITERATURE. 2 CREDITS.
A survey of organ literature from 1600 to present. Emphasis will be
placed on style characteristics of each historical era with some demon-
stration at the organ where appropriate.

MUS 574-575. GROUP AND CLASS PIANO PEDAGOGY.
2 CREDITS.
A focus on methodology, educational practice, materials, and
musical issues as they might apply to teaching beginning, intermediate
and advanced students in group and class settings in the private studio,
public schools, or on the college level. Student participation in group
teaching experiences and experimentation with teaching techniques and
materials under consideration.

MUS 576. MUSIC THEORY PEDAGOGY. 3 CREDITS.
A review of traditional theory practices with relation to classroom
instruction. Theory texts and unique approaches are critiqued in relation
to current trends in music.
MUS 577-578. THE TEACHING OF VOICE. 2 CREDITS.

Designed to acquaint the prospective voice teacher with a variety of reputable techniques based on scientific fact and a variety of styles and interpretation. Also included is a survey of languages and vocal literature for teaching.

Course Changes

MUS 527. INSTRUMENTAL TECHNIQUES. 2 CREDITS.

Deleted.

MUS 541-542. MUSIC ARRANGING. 2 CREDITS.

Arranging for instrumental and vocal ensembles including chorus, band, and orchestra. (MUS 541 is prerequisite to 542.)

MUS 661. MUSIC OF THE BAROQUE AND CLASSICAL PERIODS. 3 CREDITS.

Formerly MUS 561.

MUS 662. MUSIC OF THE ROMANTIC PERIOD. 3 CREDITS.

Formerly MUS 562.

APPLIED MUSIC

Three or four semester hours of credit in applied music—piano, voice, organ, or an orchestral instrument—may be offered toward the master's degree, to include two to four credits on a major instrument and zero to two credits on a minor instrument.

New Courses

MUAP 611, 612, 613, 614. APPLIED MUSIC. (Major area) 1 CREDIT.

One half-hour lesson a week. Five hours minimum practice per week is required. One credit each semester.

MUAP 621, 622. APPLIED MUSIC. (Major area) 2 CREDITS.

Two half-hour lessons a week. Ten hours minimum practice per week are required. Two credits each semester.

Course Changes

MUAP 511, 512, 513, 514. APPLIED MUSIC. (Minor area) 1 CREDIT.

One half-hour lesson a week. Five hours minimum practice per week is required. One credit each semester.
MUSIC EDUCATION

New Courses
MUED 579. MUSIC FOR ATYPICAL CHILDREN. 3 CREDITS.
Study of the musical needs and capabilities of atypical children both handicapped and gifted with emphasis upon planning curricula, selecting instructional materials, and utilizing appropriate teaching techniques.

MUED 580. ADVANCED METHODS AND MATERIALS FOR ELEMENTARY AND GENERAL MUSIC. 3 CREDITS.
Study and laboratory work in Dalcroze, Orff and Kodaly techniques, development of learning centers, music in the allied arts, and other contemporary approaches and concerns.

Physical and Health Education

Students electing a major or minor in the Physical and Health Education Department are expected to have adequate undergraduate preparation in the chosen area of graduate study. Some undergraduate courses may be taken concurrently with graduate work.

New Course
PE 542. MOVEMENT EDUCATION FOR HANDICAPPED PRESCHOOL CHILDREN. 3 CREDITS.
Investigation of the methods and materials used to conduct successful pre-school programs in movement education for the handicapped, including techniques of assessment and evaluation.

Physics

The Department of Physics offers the Master of Science in Education degree with a major in Physics.

The minimum requirement for the Master of Science in Education degree with a major in Physics is twenty-one (21) semester hours of graduate credit in Physics and nine (9) semester hours of graduate credit in Education.

Graduate students planning a program leading to the Master of Education degree may minor in Physics with a minimum requirement of twelve (12) semester hours of graduate credit in Physics.

Course Change
PHYS 501. WORKSHOP IN PHYSICS. 3 CREDITS.
Concentrated study in particular areas of physics.
Political Science and Geography

Head of the Department

Course Change

POSC 550. PROBLEMS OF STATE AND LOCAL GOVERNMENT. 3 CREDITS.

Deleted.
Psychology

DR. McGEE, Head of the Department

PSYCHOLOGY

New Courses

PSYC 505. SYSTEMS AND THEORIES OF PSYCHOLOGY. 3 CREDITS.
A detailed study of systems and theories of psychology as they have evolved from their historical roots. Special emphasis is placed on the philosophy of psychology as a science and the logic of system building.

PSYC 506. POTENTIALITIES OF AGING. 3 CREDITS.
This course is designed to offer advanced student experiences in coming to understand and working with the assets and potentialities of older people.

PSYC 633. LEADERSHIP AND HUMAN RELATIONS. 3 CREDITS.
Understanding of leadership styles and techniques including managerial behavior and its effect upon employees. Topics include the study of management by objectives, T-groups, transactional analysis, etc.

PSYC 637. RESEARCH IN EDUCATIONAL PSYCHOLOGY. 3 CREDITS.
This course provides a graduate experience combining research skills with content in psychological foundations. Classes will generate empirically testable problems, retrieve relevant literature, collect and analyze data sufficient to test a hypothesis, and submit a report for possible publication. Topics vary dependent upon evolving instructor interests. Prerequisite: Psychology 600 or Education 630 or Education 631.

PSYC 638. TOPICS IN INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY. 3 CREDITS.
An overview of the various areas of concern for the industrial psychologist with emphasis on contemporary issues and trends in the field.

PSYC 640. CURRENT ISSUES IN BEHAVIOR MODIFICATION. 3 CREDITS.
Advanced treatment of current behavior modification procedures in a variety of applied settings, including ethics related to the use of behavior modification.
PSYC 647. TOPICS IN SOCIAL PSYCHOLOGY. 3 CREDITS.
An advanced study of the research and theory of the psychological factors which influence social behavior.

PSYC 695. PRACTICUM IN PSYCHOLOGY. 6 CREDITS.
Provides a variety of supervised field experiences in community agencies and/or industry. Prerequisite: Permission of Instructor.

Course Changes
PSYC 502. USE OF COMPUTERS IN THE BEHAVIOR SCIENCES. 3 CREDITS. (Change in credit hours)
PSYC 621. BEHAVIOR DYSFUNCTIONS IN SCHOOL CHILDREN. 3 CREDITS. (Title change)

COUNSELOR EDUCATION

New Courses
COED 563. ALCOHOLISM COUNSELING. 3 CREDITS.
A study of the disease alcoholism to include related personal, social and physiological factors, and methods of rehabilitation and counseling the alcoholic.

COED 564. INTRODUCTION TO MARRIAGE AND FAMILY COUNSELING. 3 CREDITS.
A study of the various topics and approaches of marriage and family counseling, focusing on family dynamics and social change.

COED 641. THE ROLE OF COUNSELORS IN CAREER EDUCATION. 3 CREDITS.
A study of concepts, models and resources focusing on the development of career education programs.

COED 670. REHABILITATION COUNSELING: THE SEVERELY DISABLED. 3 CREDITS.
A study of the nature of disabled and vocationally handicapped individuals and an exploration of rehabilitation services available to them. Ways of developing effective relationships between counselor and client in order to maximize rehabilitation potential are emphasized.

Course Change
COED 640. CAREER DEVELOPMENT. 3 CREDITS. (Title change)
NEW MINOR PROGRAM IN EDUCATION FOR THE GIFTED

This minor program is designed for students who desire concentrated study in education for the gifted. Twelve semester hours are required. For required courses, see page 14 in the Department of Elementary and Early Childhood Education. However, SEED 570 should be substituted for ELED 560.

On page 156, EDUC 572, Introduction to Adult / Continuing Education, should be shown as an option in the Higher Education Minor.

SECONDARY EDUCATION

New Courses

SEED 552. CAREER EDUCATION AND THE SECONDARY CURRICULUM. 3 CREDITS.

Designed to provide the preservice and inservice teacher with basic understandings of the essential aspects of career education in the secondary school curriculum.

SEED 570. CURRICULUM AND METHODOLOGY FOR TEACHING THE GIFTED IN THE SECONDARY SCHOOL. 3 CREDITS.

The course includes a study of the curriculum and methodology relevant for preparing teachers to function in secondary schools which are provided special learning experiences for gifted students.

ADMINISTRATION AND SUPERVISION

Course Change

ADSU 646. ECONOMICS OF EDUCATION. 3 CREDITS.

Formerly EDUC 646.

EDUCATION

New Course

EDUC 507. KNOWLEDGE AND EDUCATION. 3 CREDITS.

An examination of historical and contemporary issues in the epistemology of education, including sources and nature of knowledge, methods of knowing, and implications for modern educational theory and practice.
Social Science
DR. MORTIMER, Adviser

Sociology

Course Change
ANTH 544. GRADUATE WORK IN FIELD ARCHAEOLOGY.
3-8 CREDITS.
Formerly SOAN 544.

Special Education

The master's degree program is incorrectly listed in the 1975-77 Graduate Catalog as a Master of Education degree program in Speech and Language Disorders. This new program was approved by the State Council on Higher Education under the Master of Science degree program with a major in Speech Pathology.

The Department of Special Education participates with the Departments of Elementary and Early Childhood Education, Psychology, and Secondary Education and School Administration in offering a new minor program in education for the gifted. The program of twelve semester hours is designed for students who desire concentrated study in education for the gifted. See page 14 for listing of required courses.

SPECIAL EDUCATION

New Course
SPED 520. FIELD EXPERIENCES FOR THE GIFTED. 3 CREDITS.

The purpose of this course is to provide the student with observation and participation experiences with the gifted in educational settings. Prerequisite: Permission of Instructor.

HEARING DISORDERS

New Courses
HEDO 645. SEMINAR IN HEARING DISORDERS. 3 CREDITS.

This course will cover advanced considerations relative to diagnosis and management of individuals with hearing disorders. Prerequisite: HEDO 505 and permission of Instructor.

HEDO 680. READING AND RESEARCH. 1-3 CREDITS.

Designed to allow graduate students to pursue independent study and/or research in the area of hearing disorders under appropriate faculty supervision. Prerequisite: Permission of Instructor.
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REQUEST FOR GRADUATE APPLICATION MATERIALS

Name ___________________________________________ (Last) _____________________________ (Maiden) _____________________________ (First) _____________________________ (Middle) _____________________________

Address ____________________________________________________________ (Number and Street) ____________

___________________________________________________________________________ (City) _____________________________ (State) _____________________________ (Zip Code) _____________________________

When do you plan to begin graduate work at Madison College?

____________________________________ (month) _____________________________ (year) _____________________________

Which degree program do you wish to enter at Madison?

____ M.Ed.  ______ M.A.Ed.  ______ M.A.T.

____ M.A.  ______ M.S.Ed.  ______ M.B.A.

____ M.S.  ______ M.M.Ed.

If known, list major and/or minor program you are interested in:

___________________________________________________________________________

Check specific information you desire:

____ Graduate Catalog  ______ Assistantship Application

____ Application  ______ Fellowship Application

____ Part-time Medical Form  ______ GRE Application

____ Full-time Medical Form  ______ GMAT Application

____ Current Schedule of Classes (For term entering)

Mail To: Dean of the Graduate School, Madison College, Harrisonburg, VA 22801

Phone: (703) 433-6131
NOTIFICATION OF NON-DISCRIMINATION ON THE BASIS OF SEX

Madison College does not discriminate on the basis of sex in the educational programs or activities which it operates. Madison College is required by Title IX of the Education Amendments (PL 92-318) of 1972 and Department of Health, Education and Welfare regulations to implement Title IX, Prohibition of Sex Discrimination in Educational Programs and Activities Receiving Federal Financial Assistance, not to discriminate in such a manner. This requirement not to discriminate in educational programs and activities extends to employment by the College and to admission thereto. Inquiries concerning the application of Title IX and the implementing regulations may be referred to Dr. Fay J. Reubush, Title IX Coordinator, Alumnae Hall, 104, Madison College, Harrisonburg, Virginia 22801 (telephone 433-6218) or to the Director of the Office of Civil Rights.