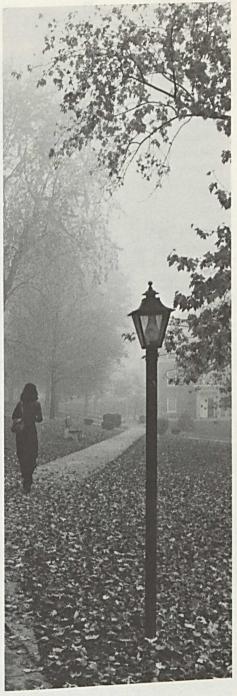


Western Maryland College Graduate Catalog 1975-77



Westminster, Maryland 21157 Telephone: Area Code (301) 848-7000 (from Baltimore: 876-2055)



Fall Term

First semester begins
Thanksgiving recess begins
Classes resume
Christmas recess begins
Classes resume
Semester ends

1975-1976

Wednesday, September 24 Wednesday, November 26 Monday, December 1 Friday, December 19 Monday, January 5 Friday, January 16

1976-1977

Wednesday, September 22 Wednesday, November 24 Monday, November 29 Friday, December 17 Monday, January 3 Friday, January 14

Spring Term

1976

Second semester begins *Spring recess begins Classes resume Semester ends

Monday, February 2 Monday, March 22 Monday, March 29 Friday, May 14

1977

Monday, February 7 Monday, March 28 Monday, April 4 Friday, May 20

Summer Session

First term begins First term ends Second term begins Second term ends

*Schedule may vary in off-campus centers.

1976

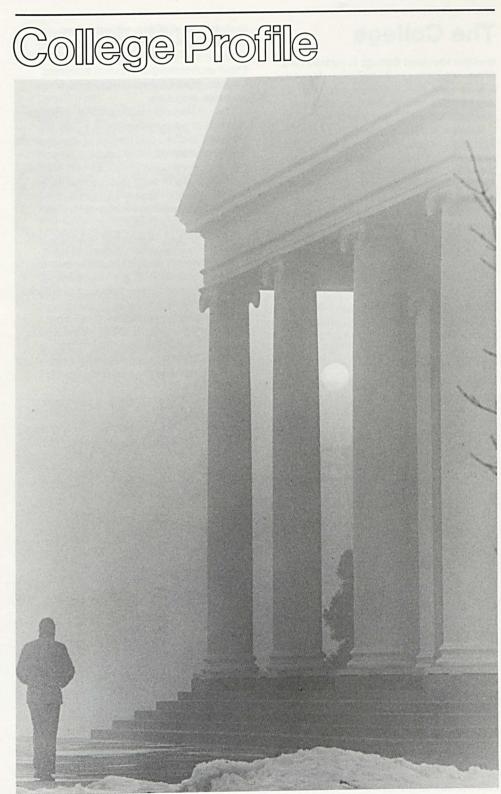
Monday, June 14
Friday, July 16
Tuesday, July 20
Friday, August 20

1977

Wednesday, June 15 Tuesday, July 19 Thursday, July 21 Wednesday, August 24

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The College

Western Maryland College is located on a 160-acre campus in Westminster, Maryland. It is 28 miles from Baltimore on Route 140 and 58 miles from Washington, D.C. on Maryland Routes 27 and 97.

Western Maryland College is a liberal arts institution accredited by the Middle States Association of Colleges and Secondary Schools. It holds membership in The American Association of Colleges for Teacher Education and has program approval from the National Association of Schools of Music and the Council on Education of the Deaf. The College is on the approved list of the American Association of University Women.

The College is coeducational, the first institution south of the Mason and Dixon Line to open its doors to both young men and young women. It was founded in 1867 and chartered in 1868.

Philosophy and Objectives

Western Maryland College, as an educational institution dedicated to the liberal arts as a vital aspect of our culture, believes it can effectively further its purposes through appropriate graduate studies for professionals, in the fields of education and the liberal arts. The development of responsible and creative graduates clearly entails commitment to develop an environment open to the pursuit of truth and the growth of professional attitudes, ethical values, and critical judgment. This philosophical perspective and practice, intrinsic to the educational environment of Western Maryland College, must necessarily pervade its graduate programs.

The consequent involvement of graduate students in leadership roles in academic activities and in opportunities to demonstrate and strengthen personal integrity by participation in the program requirements furthers the realization of such relevant characteristics as mature judgment and skill in human relations essential to excellence in their professional situations.

The Master of Liberal Arts program, new in 1975, is an extension of the College's long tradition in study of liberal arts at the baccalaureate level. It is a non-research degree focusing upon a balanced program in varied liberal arts fields.

The graduate program leading to a Master of Education is designed to develop educators who will have:

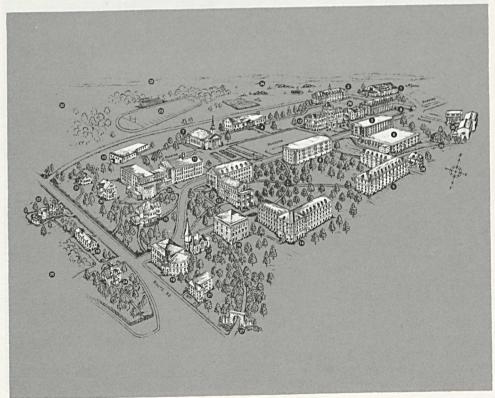
- a familiarity with the broad fields of knowledge and their relationships to each other.
- an enriched background in their area of specialization.
- an understanding of those concepts in education which will enhance effectiveness.
- increased leadership potential through the ability to recognize educational problems and to design and perform studies to seek inferences about them.



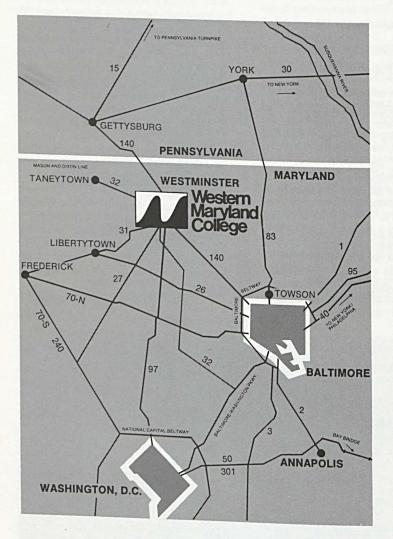
jampl

- Gill Gymnasium Physical Education Department
- 2. Albert Norman Ward Hall Men's **Residence Hall**
- 3. Daniel MacLea Hall Men's **Residence Hall**
- Hoover Library Psychology Depart-ment on Lower Level
- Rouzer Hall Men's Residence Hall 5.
- 6. Englar Dining Hall/
- Harlow Swimming Pool 7. Baker Memorial Chapel Philosophy and Religion Department
- 8. Memorial Hall Foreign Languages, Economics, Sociology, English, Classics, Political Science and History Departments, Computer Processing
- 9. Whiteford Hall Women's Residence Hall
- 10. Winslow Student Center Snack Area, Post Office, College store
- Lewis Recitation Hall Laboratories 11. and Classrooms
- Elderdice Hall Administration 12. Building, Admissions Office
- 13. McDaniel Hall Women's Residence Hall

- 14. Blanche Ward Hall Women's Residence Hall and Gymnasium
- 15. President's home
- 16. Fine Arts Building Art Department
- **Baker Chapel** 17.
- 18. Thompson Infirmary
- 19. Alumni Hall Dramatic Art Department
- 20. Maintenance Shop
- Levine Hall Music Department 21.
- 22. Harrison House Alumni office, Publicity office
- 23. Hoffa Field
- 24. Carroll Hall Education Department and Graduate Division
- Lewis Hall of Science Physics, 25. Mathematics, Biology, Chemistry
- **Forlines House** 26.
- Ward Memorial Arch 27.
- French House 28.
- 29. Spanish/German House
- 30. McDaniel House
- Dean's Cottage 31.
- 32. Spring House
- 33. Harvey Stone Park
- 34. Golf Course/Tennis Courts
- 35. Avenue Apartments

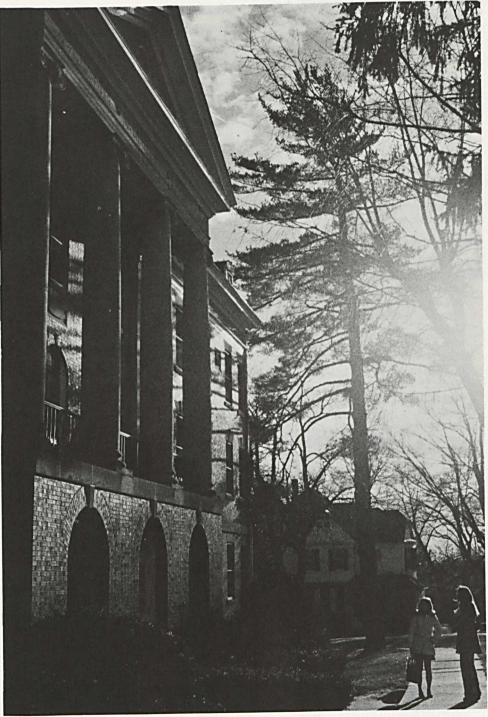


Location



6

Educational Program



The Program

Graduate courses are conducted during late afternoon and evening hours except during the Summer. Residence hall facilities are open to graduate students during the Summer and in limited amount during regular terms.

Master of Liberal Arts

The M.L.A. program consists of 30 semester hours divided as follows:

- 12 hours in at least 3 different departments in CULTURAL HERITAGE
- 6 hours in at least 2 different departments in CONTEMPORARY SOCIETY
- 3 hours in the CREATIVE PROCESS
- 9 hours of elective graduate credit

Note: Courses in each category will be so designated on semester course lists.

Master of Education

The M.Ed. program is available with the following areas of concentration:

Educational Administration (27A) Education for the Deaf (27D) Guidance and Counseling (27G) Mathematics Education (57) Media (27M) Physical Education (72) Reading (27R) Secondary Education (27X) Special Education (27S)

Except in Secondary Education, which is thesis only, M.Ed. programs are available with or without thesis. Thesis programs include 30 credits; non-thesis programs require 33 credits and a comprehensive examination.

All programs are divided into three parts as follows:

- 1. Area of specialization 12 to 18 hours.
- Education 6 to 9 hours including Introduction to Educational Research (27:550).
- Synthesis 9 hours in courses covering broad fields supporting the area of concentration, including Trends in American Thought (69:501).

Admission Requirements

Admission to Graduate Study is based on the following:

 A baccalaureate degree from a college or university of recognized standing. An undergraduate background appropriate for graduate study in the candidate's chosen field.

Matriculation

Anyone with a bachelor's degree may enroll for graduate work without a formal admissions procedure. Students entering a program leading to a master's degree must file an application including names of references, and transcripts of bachelor's degree work. The sub-committee on matriculation from the faculty Graduate Affairs Committee will select students for degree candidacy on the basis of:

- 1. Transcripts of previous college work
- 2. References and faculty recommendations
- 3. Grades in the first 9 credits of work at Western Maryland College
- 4. Scores on required examinations
 - a. M.Ed. the National Teachers Examination (common exam and teaching field exam) administered on campus three times a year in April, July, and November. Registration materials available in the Education office should be sent directly to ETS along with the announced fee. Non-hearing students may substitute a performance test administered by the Education Office.
 - b. M.L.A. a test on English fluency to be administered by the College three times a year in February, July, and October. Fees are payable directly to the college (\$10).

Sample Programs

The following are sample programs for each area of specialization, designed in accordance with the thesis option. Students electing the comprehensive exam option will delete thesis and add 6 hours of credit (subject to approval of advisor) to the area of concentration. Some flexibility exists in most programs, depending upon student intent regarding state certification. Any changes should be approved by the faculty advisor. An asterisk indicates that further course work beyond master's degree is required for certification. Several of these programs have been revised this year; these revisions are not retroactive to include students already in progress, unless certification changes are involved. See course descriptions pp. 12 to 26.

Construction of the second	Area of Specialization	Education	Synthesis
Administration (27A)	27A:501	27:550	69:501
Administration (2/A)	27A:503 or 508	27A:590	78:527
	27A:505	27:510 or	12:527
	3 additional hours	27:511	
	in administration		and the second second of
Education of the	27D:430G	27:550	69:501
Deaf (27D)	27D:516	27D:590	81:311G
Boar (21B)	27D:521	27D:517	36:401G
	27D:530		
Guidance (27G)	27G:501	27:550	69:501
	27G:502	27G:590	81:501, 502, or 503
	27G:503	27:505	81:504 or 505
	27G:504		
Mathematics (57)	Demonstrated compe-	27:550	69:501
	tency in 3 of 4 areas:	27:590	57:505 3 hours outside of
	1. modern algebra	27:557	
	2. modern geometry	27:558	Math and Education
	3. probability or		Education
	statistics		
	4. modern analysis		
	Courses (9 hours) to		
	be designated by		
	math dept.	and the second	
Media (27M)	27M:320G	27:550	69:501
modia (21m)	27M:321G	27M:590	81:502 or 503
	27M:501	27:510 or	30:520
	27M:502 or 503	27:511	
Physical Education (72)	72:501 and 9 addi-	27:550	69:501 6 hours outside of
	tional hours in	27:590	Education & P.E.
	Physical Education	27:572	Education & F.L.
Reading (27R)	27R:501	27:550	69:501
rioualing (arri)	27R:502	27R:590	6 hours in
	27R:503	27R:525	supporting
	3 additional hours		fields
	in reading		
Secondary Education (27	X) 12 hours in a program	27:550	69:501 6 hours outside of
	specially designed to	27:590	
	meet the needs of the	27:505	Education. Courses selected t
	individual student.		provide backgroun
			for the area of
			concentration.
			concentration.
Pageial Education (070)	278:515	27:550	69:501
*Special Education (27S)	278:516	27S:590	81:510
	275:517	27:505	81:506, 81:511,
	275:518		81:512, or
	210.010		27R:501
American Studios (01)		and the second second	
American Studies (01) Art (03)	M.Ed. programs in the	se fields have bee	n reconstituted within the
English (30)	M.L.A. program, Stude	nts currently enrol	led may complete the
Music (63)	MEd program already	outlined or conve	ert their credits to the
Science (09) (15)	M.L.A. pattern. No new	students will be	enrolled in these areas.
Social Studies (48)			

Policies

All graduate programs are governed by the following policies:

- Matriculation toward a master's degree may be achieved after 9 credits of work. However, a minimum of 15 credits must be completed following matriculation.
- While Western Maryland College offers graduate work at several off-campus centers, a minimum of 15 credits of the total 30 must be taken on campus.
- A maximum of six transfer credits may be accepted from other accredited institutions.
- In a total 30-credit program, 6 hours may consist of undergraduate courses listed for graduate credit (e.g. Psy. 330G). Additional work will be required of graduate students in these courses.
- A maximum load of 6 hours is strongly recommended for part-time students in regular terms and for all students during the summer session.

The following pertain to M.Ed. students only:

- 1. Trends in American Thought must be included in the first 9 credits.
- 2. Only matriculated students are eligible for Introduction to Educational Research.
- Once thesis credit is begun, the student must remain in continuous registration at the College (except in summer sessions) until the thesis is approved. If all course work is complete, registration is required for zero-credit at the rate of one credit hour per semester.
- 4. Comprehensive examinations should be taken after study in the area of concentration is complete, preferably during the last term before graduation. The test is administered three times a year in February, July, and October. These should be scheduled after consultation with faculty advisor.

Evaluation

The College grading system — A, B, C, F, and I — is used to report the quality of credit. An average of B must be maintained.

Course work reported "incomplete" must be completed within one year from date of record if a credit grade is to be given. A grade of W is assigned when a student withdraws from a course before completing the required work.

Withdrawal

In case of withdrawal from a course, the student must notify the Education Office in writing. The grade of W will be recorded if withdrawal occurs before the announced date. If a student's enrollment is terminated by the College for non-payment of fees, a \$25 reinstatement fee will be added before that course may be resumed. If the course is not resumed, the reinstatement fee will be due before subsequent course enrollment.

Library

Graduate students are entitled to use the library facilities under the same conditions as undergraduate students. The student should learn the library regulations as early as possible, for it is important that the graduate student realize his obligation to conform with all library regulations.

Western Maryland's library contains more than 100,000 volumes. New titles are added monthly. The collection of materials is extensive and varied as is suitable for a liberal arts college. It is also a depository for government documents.

Graduation Requirements

The following steps are required to become eligible for the master's degree:

- Completed course work commensurate with the degree with a B or better average, of which at least 15 semester hours must have been taken on the campus at Westminster.
- Completion of the program within a period of six years. (Students whose course work extends back beyond this time may be required to up-date their studies with additional hours.)

Deadline for thesis approval and/or graduation eligibility:

April 15 for June completion of degree requirements

August 15 for August completion of degree requirements

December 31 for January completion of degree requirements

Fees

Tuition: \$50 per credit hour; \$10 for each course must be paid at the time of registration. This is non-refundable (unless the college cancels the course) but is part of the total tuition. The balance is due upon receipt of bill; enrollment is cancelled on accounts not paid within 30 days (14 days in summer sessions).

Application Fee: \$10. Payable once with application for a program leading to master's degree and/or certification.

Graduation Fee: \$8

Test Fees: \$10. For college-administered tests: the English fluency test for M.L.A. entrants and the comprehensive exam for eligible M.Ed. graduates. Fees for the National Teachers Exam (M.Ed. students) are payable directly to Educational Testing Service.

The College reserves the right to increase charges if costs rise significantly.

Optional Fees:

Room and Board

Regular Residence Halls: two or more per room — \$600 per semester (+\$12.50 for single occupancy); \$210 per 5-week summer term (+\$10.00 for single occupancy). Garden apartment units (summer only): four students per unit — \$100 per semester plus \$140 board (optional as garden apartments have kitchen facilities).

Student Services Fee: \$50 per term. This fee applies for full-time graduate students for attendance at movies, concerts, lectures; use of Swimming Pool, Golf Course, Student



Center Game facilities; Health Services; I.D. card and other student services.

Placement Fee: \$10. Initiation and maintenance of a credentials file sent at student request to prospective employers. This service is provided without charge to students who pay the Student Services fee described above.

Financial Aid

A limited amount of financial assistance is available to full-time graduate students. The nature of these openings and the person from whom to seek additional information follow:

- 1. Employment as head resident in college housing: Associate Dean of Students.
- 2. Employment as graduate assistant in Education: Chairman, Education Department.
- 3. Employment as graduate assistant in Physical Education: Chairman, Physical Education Department.
- Maryland scholarships in education for the deaf and any federal stipends which may become available: Director of Financial Aid.

Teaching Certificates

Western Maryland College M.Ed. programs are Maryland approved under the new "program approval" concept in the following fields: administration, counseling, reading, and special education. Under current reciprocity agreements, certification is granted to graduates in Maryland and many other signatory states.

Phi Delta Gamma

Phi Delta Gamma, a fraternal organization for women of all professional interests studying in graduate and advanced professional schools, was created in 1922 to promote scholarly achievement and intellectual and spiritual comradeship. Psi Chapter was organized at Western Maryland College in 1967. Each year graduate women are elected to membership.

Psi Chapter has a limited loan fund available for graduate students. Normally applications should be submitted by October 15, and the loan would be granted for the second semester. Application blanks may be obtained from the Education Office, Registrar's Office, or local chapter.

Courses of Instruction

In addition to these courses, certain 300 and 400-level undergraduate courses are offered for graduate credit. Such offerings will be listed in course announcements by undergraduate number and a G suffix letter.

Classes are held in late afternoon and evening except during the summer session.

AMERICAN STUDIES (01)

01:501 Seminar in American Studies

A survey of American culture with particular emphasis on the relationship among social conditions, intellectual history, and literature.

01:502 Seminar in American Studies

An in-depth interdisciplinary study of a specific problem or issue in American culture, past or present.

ART (03)

03:____G Studio Courses

The Art Department will offer a variety of studio courses which may be taken as electives in either the M.Ed. or M.L.A. programs; in addition, these courses will also meet the M.L.A. "creative process" requirement. In some instances, a 100 or 200 studio course may be open to graduate enrollment; such courses will appear with a G suffix.

03:503 Art History Survey

A comprehensive investigation of art trends from prehistoric times to the present. Painting, sculpture, 3 credits and architecture, will be traced through the years in an effort to establish understanding of the

BIOLOGY (09)

09:501 Dynamic Ecology

The study of the patterns of adaptability and the responses of organisms to their environment, of the 3 credits structure and functions of the ecosystem at the population and community levels, and of the application of these principles to spaceship economy.

09:502 Developmental Biology

A study of the molecular, cellular and organismic development of organisms with emphasis on differentiation and genetic control.

09:504 The Evolutionary Process

The study of the conditions and processes leading to the origin of life, of the mechanisms of organic evolution, and of the trends in evolution. Special emphasis is placed on human evolution and on

BUSINESS ADMINISTRATION (12)

12:527 Economics and Financing of Education

A study of the conceptual and legal bases for the financing of education through various alternative **3 credits** models. Also included are budgeting, maintenance of facilities and auxiliary services, and principles

CHEMISTRY (15)

15:504 Energy: Harnessing and Utilization

An in-depth study of the present energy situation with emphasis on present and future technologies to meet the current and future energy demands of this nation and the world.

COMPARATIVE LITERATURE (17)

17:501 The Metamorphosis of the Hero in World Literature

Readings from Eastern and Western literature, ancient and modern. Beginning with the ancient epic and tragic heroes of Homer and Greek tragedy, this course traces the changing types of the hero

COMPUTER SCIENCE (19)

19:501 The Computer Impact

3 credits Computer fundamentals such as logic, algorithms, flowcharting, and the study of a programming language are covered. The use of computers in problem solving and their impact on society are discussed. Individual research in a variety of areas is encouraged.

3 credits

3 credits

3 credits

3 credits

3 credits

3 credits

19:502 Computer Use in Research

Prerequisite: 19:501 or consent of instructor.

Intermediate level computer science with emphasis on techniques for using the computer in support of research. The student will be shown how to plan a research project in order to make optimum use of computer assistance.

19:504 Computer Uses in Career Guidance

This course deals with the new trend in the use of the computer and terminal devices for providing direct assistance to students in the making of educational and vocational decisions. Topics include the rationale for use of computer-assisted guidance systems, description of available systems, cost and effectiveness of systems, role of the counselor and computer, and direct experience with development of guidance materials for computer delivery.

19:527 Computer Uses in School Administration

Specific computer applications to school administration are discussed and evaluated. Areas of concern including scheduling, record control, curriculum, and institutional research.

DRAMATIC ART (21)

21:511 The Oral Study of Literature

The study, adaptation and performance of various forms of literature in order to interpret and communicate to an audience a literary work in its intellectual, emotional and aesthetic entirety.

21:512 Theatre for Children

Approaches to children's theatre, creative dramatics and dramatic literature; writing, directing and staging of plays for children with emphasis on the techniques and methods of play construction and production.

21:515 Introduction to Acting and Interpretation

An introduction to the elements of self-awareness and theatrical expression for the beginning actor/interpreter.

ECONOMICS (24)

24:501 Economics of Environment

The biological and economic crises of contemporary man, the impact of increasing resource use of growing populations, and of affluence on the structure and function of the ecosystem; policies for conservation and preservation of the environment.

24:502 Current Economic Problems

Topics for study will be selected from the following: pollution in growth, urban problems, poverty, health, education, transportation, population, agriculture, international trade and finance, labor, inflation, and unemployment.

EDUCATION (GENERAL) (27)

27:501 History and Philosophy of Education

Central Philosophical concepts with a study of their effect upon the theory and practice in American education.

27:502 The Future in Education

Past standards and present processes can no longer be counted upon to meet rapid changes taking place in education. This course examines the nature and scope of change, present and projected, and implications for education. Emphasis is placed upon the impact of change for the classroom.

27:503 Analysis of Teaching

A study of latest research evidence regarding teaching effectiveness. Various beliefs concerning teaching, conceptual models, and methodological innovations are examined, as is substantive evidence concerning classroom climate, management and control, and teacher role.

27:505 Methods of Pupil Appraisal

Nature, function, and use of measurements in the appraisal of educational products and aspects of personality. Both standardized and non-standardized instruments are included; attention is given to the application of procedures in pupil classification, guidance, evaluation, and prediction.

27:506 Statistics in Education

A critical statistical analysis of measurement and evaluation in education. The tools and techniques of descriptive and inferential statistics are emphasized.

27:507 Construction of Classroom Tests

This course includes purposes and types of testing, construction of test items to meet specifications, and evaluation of test items. Particular emphasis is placed on construction of test items directed to higher levels of cognitive functioning.

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27:508 Law-Related Education

The purpose of this course is to update the participants' knowledge, understanding and skills for teaching law and justice in the elementary, middle, and high school level. Participants will improve skills through experiencing simulation, inquiry, field study, case study method and other innovative techniques. Resource persons, such as lawyers, judges, law enforcement officials, etc., will assist the

27:510 Foundations of Curriculum

Principles of curriculum development, course planning, professional development of subject matter, and the improvement of instruction. Each student will present at least one problem at elementary or secondary level and participate in critical group analysis of all problems.

27:511 Curriculum Design

An analysis of curriculum theory including the interrelationships of the various disciplines of knowl-3 credits edge; the stages in curriculum development from initial planning through evaluation.

27:513 Programmed Instruction

A study of the most practical programming techniques and related principles as an aid in constructing, evaluating, and selecting programs,

27:514 The Open School Concept

A study of new techniques and methods for effective use of the open space concept in the public school. It is designed for those who are teaching in an open space school or who expect to do so. Topics include team teaching, effective grouping, management of space, and curriculum implications for individualizing instruction. Visits to open space schools are included.

27:515 Individualizing Instruction

This is a course for those interested in developing self-paced individualized instructional materials. The rationale for individualization and the effective use of such materials are included.

27:550 Introduction to Educational Research

Prerequisite — matriculation in the master's program or permission of instructor.

The fundamentals of research techniques including procedures for the development of research paper in curriculum evaluation: topic selection, reviewing the literature, constructing hypotheses and designing the experiment. A discussion of elementary statistical devices is included.

27:551 Special Studies in Education

Prerequisite - matriculation, completion of nine hours or more in the area of concentration, and

Independent study and research under the guidance of a faculty member in the educational field

27:552 Internship

A semester under the guidance of a faculty member in an actual teaching situation. Supervision during this period will be shared by the college and the supervising staff of the institution involved.

27:590 Thesis in Education

Prerequisite - 27:550.

The presentation of a research proposal and subsequent thesis acceptable to the committee appointed

Subject Methods

The following courses are designed to provide a detailed study of the specific educational prob-

27:503 Seminar: Teaching Public School Art

A group investigation into differing art teaching techniques with emphasis placed upon proper classroom activities for attainment of specific objectives. Preparation of plans which will establish these

27:530 Seminar: Teaching English Language Skills

Systematic study methods of instruction in the techniques of reading, writing, critical listening, and speaking for purposes of professional education. Special attention is given to the teaching of writing

27:533 Seminar: Teaching Foreign Languages

Techniques and materials; aims, motivations, tests; infusion of cultures; use of tests; survey of research and critical examination of procedures in teaching foreign languages.

3 credits

27:536 Seminar: Teaching of Science

The place of science in education: existing philosophies; development of science education: classroom activities and methods: related research: professional associations; and other topics introduced by the class. Individual investigations will be developed.

27:538 Seminar: Field Experiences in Geography

A course designed primarily to enable teachers of geography to gain maximum benefit from field experience of various types.

27:548 Seminar: Teaching Social Studies

The place of social studies in the education of elementary and secondary students; a basic curriculum and methods course focusing on diverse topics such as materials analysis, role-playing and simulation, objectives and evaluation, learning stations, conceptual-inquiry approach, discussion techniques, the process of valuing. Other topics will be developed as they come from the students' survey of the problems.

27:549 **Conceptual Approach to Social Studies**

A study of the inquiry approach to teaching social studies, using a conceptual base. Curriculum materials suitable for this approach are examined and new materials developed.

27:557 Seminar: Teaching of Mathematics I

A study of current methods and materials for teaching mathematics in the junior and senior high school. Attention is given to motivation, evaluation, and special teaching problems through a study of the current literature and research in mathematics education.

27:558 Seminar: The Teaching of Mathematics II

Prerequisite - 27:557.

An in-depth extension of the areas studied in 27:557. Special attention is given to several large problems in mathematics education, through current research and individual study. Some topics studied in recent years are the slow learner, mathematics laboratories, individualized instruction, computerized instruction, facilities for mathematics teaching.

27:563 Seminar: Teaching Public School Music

Problems, issues, and procedures of teaching music. Instruction in some specialized skills is included

27:572 Seminar: The Teaching of Physical Education

An extensive and intensive review of physical education literature, past and current, regarding philosophy, scientific findings, curriculum, evaluation, administration and professional preparation is accomplished.

EDUCATION (ADMINISTRATION) (27A)

27A:501 Functions of School Administration

A study of management skills and administrative theory, stressing organizational behavior, leadership patterns, the change process, decision-making, and the planning and organizing functions. Recent research in the field is examined with a view toward implications for the school administrator.

27A:503 Supervision in the Public School

An interdisciplinary approach to the supervision of instruction. Stress will be placed on the formative evaluation of personnel and curriculum. Methods of improving instruction and in-service education will be analyzed.

27A:504 Introduction to Community Education

An investigation of the process and programs of community education. Planned to give the administrator and/or community school coordinator a deeper and clearer understanding of community education.

27A:505 The Role of the Principal

An overview of the specific duties and responsibilities of the school principal. Forces influencing the principal's role are examined, as are relationships with the central office, the faculty, students, parents, and the community as a whole.

27A:508 Supervision and Evaluation of School Personnel

An overview of personnel practices and the evaluation of personnel. Management and human relations principles are stressed.

27A:510 School Labor Relations

A study in organized labor groups as they pertain to education. Topics to include negotiations, salary disputes, fringe benefits, unions, etc.

3 credits

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3 credits **3 credits**

3 credits

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3 credite

27A:511 Innovations in Educational Organization

An examination of innovative modes of school organizations as they are relevant to present situations. Topics include the middle school, ungraded schools, the open school concept, differentiated staffing,

27A:513 School-Community Relations

Elements of successful school-community relations programs. A study of the role of the school as it relates to society and the relationship between social and educational problems.

27A:515 The Educational Administrator as Systems Analyst

An examination of the development, potential and concepts, of systems analysis. The products and processes of systems analysis are studied as they apply to the operation of contemporary school systems. Practical applications to be examined and applied are P.E.R.T., P.P.B.S., Operations Research, Cost Benefit Analysis, Administrative Support Systems, etc.

27A:551 Special Studies in Administration

Prerequisite - matriculation, completion of nine hours or more in the area of concentration, and

Independent study and research under the guidance of a faculty member in administration.

27A:552 Internship in Administration

Prerequisite — Permission of the Director of the Graduate Program.

A semester under the guidance of a faculty member in an actual administrative situation. Supervision during this period will be shared by the college and the supervising staff of the institution involved.

27A:553 Internship in Administration

Prerequisite - 27A:552.

27A:590 Thesis in Administration

Prerequisite - 27:550.

The presentation of a research proposal and subsequent thesis acceptable to the committee appointed

EDUCATION OF THE DEAF (27D)

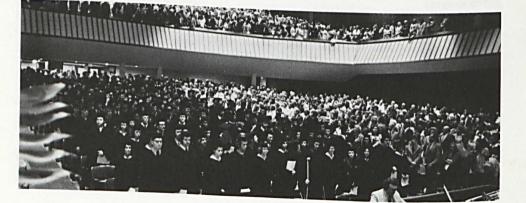
Interpreters are provided only for courses prefixed 27D and for 27:550, 27S:518, 36:401G, 69:501 and 81:311G. Non-hearing students enrolling for other courses should check with the program coordinator.

27D:331G Advanced Manual Communication Prerequisite: 27:131 and 132 or equivalent.

A course to develop advanced skills in manual communication. Previous background in the subject

27D:430G Introduction to Language and Communication

The study of language acquisition and development of language skills in hearing children. The effects of hearing loss on the development of communication skills in deaf children. This course will provide the student with a basic understanding of linguistics, psycholinguistics, transformational grammar and speech development. The effects of hearing loss on the development and effectiveness of oral and written language will be discussed as well as other disorders of language development. The historical background of speech reading, assessment, and methods and techniques of visual communication



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27D:516 Learning Strategies for Hearing Impaired Children

This course includes basic behavioral management strategies as well as means to develop cognitive and affective skills and curricula with hearing impaired children. Curriculum and instructional procedures common to education of the hearing impaired regular education and adaptations of the regular curriculum and instruction for the hearing impaired will be discussed. Observations, micro-teaching and practicum provided.

27D:517 Diagnostic-Prescriptive Teaching with Exceptional Children

The development of basic diagnostic competencies using both formal and informal techniques to assess the cognitive and affective strengths of exceptional hearing impaired children. Emphasis will be placed on the discussion of educational programs and on the development of these competencies by practical application with exceptional hearing impaired children.

27D:521 Methods of Teaching Speech to Hearing Impaired Children

Reviews the phonological development of the normal hearing and the hearing impaired child. Phonetics and orthographic systems used in teaching and evaluating speech. Methods of teaching speech using auditory, visual, and haptic cues. Auditory training is included in this course. Frequent observations and practicum provided.

27D:530 Methods of Teaching Language to Hearing Impaired Children 3 credits Prerequisite — 27D:430G.

Principles and methods of developing language in hearing impaired children, including traditional and current methods. Evaluation of the oral and written language of hearing impaired children. Extensive readings in traditional and current literature and research. Frequent observations and practicum. Guest lectures and off-campus observation.

27D:551 Special Studies in Education of the Deaf

Prerequisite — matriculation, completion of nine hours or more in the area of concentration, and permission of the instructor.

Independent study and research under the guidance of a faculty member in this field.

27D:552 Internship in Education of the Deaf

Prerequisite — Two summers of course work in the education of the deaf, or completion of the fall semester for full time students, or by special permission of the instructor. Extra fee: \$175.00.

A period under the guidance of a faculty member in actual teaching situation. Supervision during this period will be shared by the college and the supervising staff of the institution involved.

27D:553 Internship in Education of the Deaf

Prerequisite - 27D:552.

27D:571 Curriculum and Instruction: Practicum

Prerequisite — Open to full time students only or by special permission of the instructor. January Term.

A four-week practicum utilizing the concepts developed in 27D:517, and the aspects of curriculum and instruction unique to education of hearing impaired. Students participating in this course will be assigned to a school or class for the deaf in their intended area of certification. A written project is required. Off campus. Students are responsible for travel and incidental expenses. (Board and room generally furnished by the various schools for the deaf.)

27D:580 Applicable Learning Strategles for Multiple Handicapped Hearing Impaired Children I

Prerequisite — M.Ed. or permission of advisor.

A general overview of the effects of additional handicapping conditions on the hearing impaired child and the resultant educational problems of the multiple handicapped. Emphasis will be placed on diagnosing functional abilities and developing educational strategies to be used with the atypical hearing impaired child.

27D:581 Learning Strategies for Multiple Handicapped Hearing Impaired Children II

Prerequisite: 27D:580.

An extension of the content described in 27D:580, with particular emphasis on practical applications with the multiple handicapped hearing impaired child.

27D:590 Thesis in Education of the Deaf

Prerequisite - 27D:550.

The presentation of a research proposal and subsequent thesis acceptable to the committee appointed by the college.

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EDUCATION (GUIDANCE AND COUNSELING) (27G)

27G:501 Principles of Guidance

An introduction and orientation to guidance and counseling services. This course is planned to serve as a first course for prospective counselors, to give the classroom teacher a better understanding of how the counselor and teacher can work together, and to offer the school administrator or supervisor a deeper understanding of the role of the guidance program in the organization, administration, and supervision of the school.

27G:502 Counseling Theories and Techniques

A study of the theories of Rogers, Freud, Ellis, and the Behaviorists etc., and an introduction to the techniques involved in applying these theories. The development of a personal theory of counseling will be stressed.

27G:503 Practicum in Counseling

Prerequisite - 27G:501, 27G:502.

A course designed to develop the skills involved in counseling through the use of one-way mirror, video and audio taping, and peer counseling. Students are required to bring to campus at least two clients for demonstration interviews.

27G:504 Career Information and Activities

An aid to prospective counselors in becoming aware of their role in career development. Classroom teachers benefit from this course by having the opportunity of seeing the relationship between their classroom activities and the career development process of the students whom they teach. Throughout the entire course, students are urged to see the relationship between career development and counseling style.

27G:505 Counseling Minority Groups

A course designed to prepare the prospective counselor, school administrator, and the classroom teacher to work more effectively with minority group cultures. Special attention is given to a sociological survey of minority cultures in the United States; counseling and guidance activities relevant for the minority sub-groups will be explored. The experiential component of this course provides an opportunity for individuals to examine their own prejudices.

27G:506 Organization and Administration of Guidance Programs

Prerequisite - 27G:503.

Problems and procedures in initiating and conducting guidance programs. Emphasis is placed on the administrative structure of the guidance program within the organization of the entire school system. Responsibilities of administrative and supervisory personnel are considered.

27G:507 Guidance in the Elementary School

Elementary School Guidance and Counseling has been developed for persons who are preparing to work in an elementary school setting. It has as its primary objective professional preparation and will include theory, method, and evaluation techniques which are unique to this setting. The course has been divided into learning units which attempt to not only give the student background, but will expose him to the practical side by requiring his involvement in experimental activities.

27G:508 Group Dynamics

A study of the theory and practice of group dynamics. Students are required to participate in a personal growth group.

27G:511 Organization and Administration of Vocational Rehabilitation Programs 3 credits

Study of the administration of vocational rehabilitation programs at national, state and local levels. Emphasis placed on administering special programs: mental retardation, rehabilitation workshops and facilities, correctional programs and the public assistance recipient. Course geared to the professional needs of rehabilitation counselors, teachers, supervisors, and administrators.

27G:513 Advanced Practicum

Prerequisite - 27G:503.

An indepth study of the practice of counseling in which the planning and interpretation aspects will be emphasized. This course offers also to counselors in the field a real challenge in updating their skills. Clients for on campus demonstration interviews must be provided.

27G:551 Special Studies in Guidance and Counseling

Prerequisite - matriculation, completion of nine hours or more in the area of concentration, and permission of the instructor.

Independent study and research under the guidance of a faculty member in this field.

27G:552 Internship in Guidance and Counseling

Prerequisite — Permission of the Director of the Graduate Program.

A semester under the guidance of a faculty member in an actual guidance and counseling situation. Supervision during this period will be shared by the college and the supervising staff of the institution

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27G:553 Internship in Guidance and Counseling

Prereauisite - 27G:552.

27G:590 Thesis in Guidance and Counseling

Prerequisite - 27:550.

The presentation of a research proposal and subsequent thesis acceptable to the committee appointed by the college.

EDUCATION (MEDIA) (27M)

27M:320G Cataloging and Classification

Principles and techniques of cataloging materials, with special reference to school media centers.

27M:321G Reference and Bibliography

Evaluation and use of various types of reference materials, print and non-print.

27M:501 Media Design, Production, and Evaluation

Criteria for selection of hard and soft ware. Production of materials not commercially available to meet learning needs.

27M:502 Book Selection for Children

A study of all types of new materials (especially the problem areas), general principles of selecting materials for elementary school students, use of authoritative book reviews and book lists, and the art of story-telling.

27M:503 Book Selection for Young Adults

Same as 27M:502, except books studied would be appropriate for use with secondary school students.

27M:504 Administration of Media Programs

Media centers facilities; the administration of materials, equipment, production services, television, programmed learning, independent study; budgeting; assistance in utilization of materials in the classroom; research; and the systems approach in education.

27M:505 Classroom Television Techniques

A study of various ways of using television instruction as a means of augmenting the curriculum and integrating the various components of classroom instruction.

27M:506 Automation and Informal Retrieval

An overview of the various means of acquiring resource materials through central information systems; implementation of dial access and similar systems of information storage and retrieval.

27M:507 Development of Educational Media

History of books, libraries, and audio-visual applications; library as a social institution; the impact of communication media on society as it is being affected by technological change and institution developments; and an examination of innovative practices.

27M:508 Photography for the Classroom Teacher

The theory, aesthetics, and technical aspects of photography with particular emphasis on the production and exhibition of quality prints and color slides, and the preparation of photographic aids for classroom teaching. The student must have a 35mm camera with adjustable shutter speeds and lens openings. (Lab Fee)

27M:509 Advanced Photography for the Classroom Teacher

Prerequisite — 27M:508.

The course will provide principles and practice in creative use of adjustable cameras by educators. Emphasis on individual projects will offer opportunities for students to refine skills in film selection; darkroom manipulation and display techniques. (Lab Fee)

27M:510 Advanced Television Utilization

Prerequisite - 27M:505.

The student will be involved in more detailed specific techniques of utilization of both broadcast television as well as video tape production. Individual and group projects will reflect the student's efforts to explore new and creative uses for television in the school curriculum.

27M:511 Film Making for the Classroom Teacher

Prerequisite - 27M:508.

The student will engage in projects designed to refine skills in production and utilization of Super 8 mm motion pictures. (Lab Fee)

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Seminar in Educational Media 27M:521

An overview of latest developments in the field of media and an examination of their implications for the media specialist and the classroom teacher.

27M:551 Special Studies in Media

Prerequisite --- matriculation, completion of nine hours or more in the area of concentration, and permission of instructor.

Independent study and research under the guidance of a faculty member in this field.

27M:552 Internship in Media

Prerequisite — Permission of the Director of the Graduate Program.

A semester under the guidance of a faculty member in an actual school situation. Supervision during this period will be shared by the college and the supervising staff of the institution involved.

27M:553 Internship in Media

Prerequisite - 27M:552.

27M:590 Thesis in Media

Prerequisite - 27:550.

The presentation of a research proposal and subsequent thesis acceptable to the committee appointed by the college.

EDUCATION (READING) (27R)

27R:501 Foundations of Reading

Survey course focused on the process of learning to read. Techniques and materials are evaluated for their use in teaching the basic reading skills with different types of learners in a variety of learning settings.

27R:502 Diagnosis of Reading Disabilities

Prerequisite - 27R:501, 27:525.

Designed to help develop competency in administration, scoring and interpretation of informal and standardized diagnostic instruments. Students will also develop facility in planning individual program based on test results.

27R:503 Laboratory Practicum in Reading

Prerequisite - 27R:501, 27R:502, 27R:525.

Supervised clinic experience which emphasizes diagnostic-prescriptive teaching as well as increased facility as a resource person. Students are expected to design and execute a reading program based on diagnostic screening information.

27R:504 Seminar: Current Issues in Reading

Prerequisite - 27R:501.

A course to deepen the student's knowledge and understanding of areas such as: contemporary issues in reading; special learning problems; related language arts; affective considerations; and causes of reading disability. Students also research topics of individual interest.

27R:505 Organization and Supervision of Reading Programs

Prerequisite - 27R:501.

The role of the reading specialist in the total school program is examined. Each student arrives at an operational model of a reading program designed for an individual school or a school system. The model accounts for variables such as the community being served, the resources available to the faculty, staff relationships, and the supervisory functions of the specialist,

27R:506 Reading in the Secondary Schools

The place of reading in the total school program is examined to help secondary teachers and reading specialists develop skills needed in content reading, recognize reading problems, and become aware of the unique needs of the secondary learner.

27R:525 Diagnostic-Prescriptive Teaching of Reading

Prerequisite - 27R:501 or equivalent.

Designed for teachers who have some background in reading. The emphasis is on those techniques and materials readily available to the classroom teacher to help cope with reading problems in the

27R:551 **Special Studies In Reading**

Prerequisite - matriculation, completion of nine hours or more in the area of concentration, and

Independent study and research under the guidance of a faculty member in this field.

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27R:590 Thesis in Reading

Prerequisite - 27:550.

The presentation of a research proposal and subsequent thesis acceptable to the committee appointed by the college.

SPECIAL EDUCATION (27S)

27S:316G Teaching Children with Special Needs

The course consists of 16 video-taped lessons (also aired on Channel 67) and follow-up seminars/ discussions covering teacher attitudes, observation of behavior, anecdotal records, short and long term behavior problem techniques, learning styles, receptive and oral language, reading methods, mathematic techniques, and referral processes.

27S:515 Exceptional Children: Conceptual Models and Applied Theory

Basic theoretical considerations involved in child development and learning, as applied to the field of special education (ED, LD, and MR).

27S:516 Teaching Strategies for Exceptional Elementary Children

Methods, techniques, and models used for the analysis of specific tasks and selection of teaching strategies and materials to be employed with exceptional elementary children (ED, LD, and MR).

27S:517 Diagnostic-Prescriptive Teaching with Exceptional Children

Prerequisite - 27:505, 27S:516.

A review of basic diagnostic procedures and the development of additional competencies in formal and informal assessment techniques which deal specifically with exceptional elementary children. Emphasis will be placed on the study of techniques and strategies used to develop prescriptive educational programs. These competencies will be developed through practical application with exceptional children.

27S:518 Seminar: Education of Exceptional Children

Review of current literature, legislation (local, state, and federal), and practices in the field of special education. A discussion of the expanding role of the special educator and his responsibilities to parents, regular classroom teachers, administrators, and the general public.

27S:519 Assessment and Adaptive Programming

An overview of assessment tools commercially available and the development of informal tools and means of diagnosing learning problems and learning styles at the secondary level. Additional focus will be on the practical application of varied methods used for instruction. The affective growth will also be covered.

27S:520 Teaching Strategies in Secondary Special Education

A study of the learning environment and the appropriate materials, both software and hardware, for instruction of secondary special education students. Teaching students how to cope with the school programs and their educational environment is a major focus.

27S:527 Teaching Exceptional Children: The Gifted

An analysis of educational provisions for superior and creative students, including characteristics, identification and special problems of underachievement and social adjustment.

27S:528 Teaching Exceptional Children: The Slow Learner

An analysis of educational provisions for slow-learning students including a developmental approach to curricular offerings and evaluation procedures.

Special Studies in Special Education 27S:551

Prerequisite --- matriculation, completion of nine hours or more in the area of concentration, and permission of the instructor.

Independent study and research under the guidance of a faculty member in this field.

27S:590 Thesis in Special Education

Prerequisite - 27:550.

The presentation of a research proposal and subsequent thesis acceptable to the committee appointed by the college.

ENGLISH (30)

30:501 Modern Approaches to the Study of the English Language

The concepts and operations of structural and transformational grammars; their relationships to rhetoric and literature; and their connections to earlier views on grammar and language.

30:502 Seminar: Major British Writers

Individualized study of major works from British literature. A different subject is selected each year.

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30:503 Seminar: Major American Writers

Individualized study of major works from American literature. A different subject is selected each year.

30:505 Critical Approaches to Understanding Literature

Various critical approaches to literary criticism, beginning with Aristotle and continuing through to selected contemporary critics.

30:510 Craft and Creativity

A study of what creative persons say about inspiration, craftsmanship, and their own process of creation, with emphasis on writing. An attempt to apply this understanding of the creative process to one's own writing - whether poetry, stories, or essays. Informal workshop and tutorial approach. Open to students at any level of competence in creative writing.

30:520 Studies in Mass Communication

A study of the impact of various media of mass communications upon education, in and out of the classroom. Particular attention is given to possible influences of media on the minds of the young.

30:530 English Language: Problems of Usage

A review course in the fundamentals of writing, particularly designed for graduate students experiencing some difficulties in this field. (This course will not count toward an area of concentration in English.)

FRENCH (33)

33:501 Other Ways of Western Thought: The French Way

Major themes in French thought concentrating on the classical, romantic, and modern periods. All readings, discussions, and assignments in English.

GENERAL SCIENCE (36)

36:401G Speech Science and Audiology

A basic course in hearing and speech science for teachers of hearing impaired children. In addition to anatomy, physiology and neurology of the speech, hearing and visual mechanisms, the course includes introductory studies in audiology covering production, transmission, and reception of speech sounds and other sounds and various procedures for testing hearing and interpretations of hearing test results. Consideration is given to individual and group amplification. Observations and practicum are provided.

36:501 History and Philosophy of Science

A study of major scientific achievements from antiquity to the present, with particular emphasis on scientific theory and on the interactions between philosophy and scientific activity.

36:502 Earth Science

A review of basic geological concepts followed by a presentation of recent advances selected from the areas of environmental studies, economic geology, historical geology, geophysics, geochemistry, meteorology, and oceanography.

36:503 Astronomy

A review of basic astronomical concepts followed by a presentation of recent advances selected from the areas of astrophysics, cosmology, and space science.

GEOGRAPHY (38)

38:510 Geography: A Modern Synthesis

The course emphasizes the links between an academic tradition and areas of public concern; the focus is upon applied aspects of ecology, economic change and social issues; the attention to systems, cycles, trends as examples of modern geographic analysis is pursued.

38:511 Principles of Human Geography

Adjustments which man makes to various habitats; a consideration of natural environmental factors in relation to human life.

38:513 Historical Geography of North America

A consideration of past circumstances from the geographer's viewpoint to understand how the combination of nature and culture created the regional patterns in North America in earlier times.

38:521 Cultural Areas of the World

A background course providing an overview of content material needed by teachers of social studies at the middle school level. Classroom materials are developed in areas selected by students.

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HISTORY (48)

48:501 America Hurrah

A star-spangled study of the social and intellectual background of our revolution and the foundation of the Constitution. Some emphasis will be given to preparation for the Bicentennial.

48:504 Afro-American History

A study of black Americans from colonial times to contemporary. Emphasis is placed upon the contributions made by Negroes to the U.S. social, cultural, economic and political experiences.

48:505 Weimar and the Rise of Hitler

Analysis of the politics, literature, arts, and philosophies of Germany in the 20's and 30's.

MATHEMATICS (57)

57:323G Probability

A study of sample spaces, counting techniques, different types of events in a discrete or continuous setting, random variables and related moments, binomial, Poisson, normal, and other standard distribution.

57:324G Mathematical Statistics

A study of multidimensional random variables, Chebychev inequality, Central Limit Theorem, sampling and statistical inference, descriptive statistics.

Advanced Modern Algebra 57:501

An in-depth treatment of modern algebraic structures, including work with linear transformations, finite dimensional vector spaces, and morphisms.

57:502

Elementary theory of the foundations of geometry, logical systems, and methods of proof; selected topics in Euclidian geometry with a brief study of finite and projective geometrics; an intuitive investigation of the basic ideas of non-Euclidian geometry.

57:503 Advanced Modern Geometry

Prerequisite - 57:502.

Topics selected from one or more of the following areas: non-Euclidian geometry, projective geometry, differential geometry, Hibertian geometry.

Concepts of Calculus

A rigorous study of infinite sets, functions, limits, continuity, derivatives, and Reimann integrals, with applications of the concepts to the teaching of elementary calculus.

57:505 **History of Mathematics**

A study of the development of the major areas of mathematics, with emphasis on personalities, historical periods, and significant cultural influences. Attention will also be given to the role of history in the teaching of mathematics.

A slant-wise glimpse, rather than a direct immersion, into the field of mathematics. Readings and discussions will center on the nature of mathematics as a form of creative expression and its relevance to the world in which we live. As time and interests will allow, this will involve examination of the foundations of mathematics, the people involved in the development of mathematics, the various branches of mathematics, the impact of mathematics on today's society, including contemporary applications, etc.

57:521 Math for Middle School Teachers

An intuitive study of the nature of mathematics through an examination of some concepts from logic, numbers, geometry, and probability. The course is designed for those teachers who feel uncomfortable with mathematics or whose mathematical background is limited. (This course does not count toward an area of concentration in mathematics.)

MUSIC (63)

63:503 Vocal and Instrumental Textures

A study of the combinations of musical lines as shown through the period of the baroque to the early 20th century.

63:504 Jazz and Its Influence

The international ramifications of an American idiom.

63:505 Music Style — A Survey

The approach to music history through the performance practice of the literature in all its periods. 23

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63:506 The 19th Century Social Revolutionary Musicians

The study of individual composers as they reacted to and influenced their time.

63:507 Impressionism — A Social Phenomenon?

The interrelatedness of art, music, drama, and poetry in impressionism as a style.

PHILOSOPHY (69)

69:501 Trends in American Thought

This course involves the student in a critical examination of several of the major social and political problems confronting American society in the balance of the Twentieth Century. Attention is given to the larger philosophical questions surrounding each of the problem areas, with the student being challenged to formulate his own rationale and strategy for coping with the diverse crises.

PHYSICAL EDUCATION (72)

72:501 Statistical Analysis in Physical Education

A critical statistical analysis of measurement and evaluation in physical education. The tools and techniques of descriptive and inferential statistics are emphasized.

72:502 Administration of Athletic Programs

A study of the history and current problems and standards associated with the organization and administration of interscholastic athletic programs.

72:503 Physiological Basis of Athletics and Physical Education

An examination of the basic physiological principles governing motor activity. Energy sources, methods of conditioning, ergogenic aids, diet, and other pertinent topics are considered.

72:504 Issues and Problems in Contemporary Sports

Recognition, discussion, and systematic analysis of controversial issues and problems encountered in organized athletics in contemporary American society.

72:505 Theories and Techniques of Advanced Football Coaching

The theory and practical application of organizing, coaching, and administering an interscholastic football program. Primary emphasis is given to the development of the basic system, medical procedures, psychology of coaching, utilization of game films, and personnel analysis.

72:506 Comparative Physical Education

Physical education games and programs, both past and present, of various countries throughout the world are examined in light of their implications among and with the geographical, political, social, religious, and cultural aspects of each country.

72:507 Psychology of Physical Education and Athletics

The study of the application of psychological principles and theories to physical education and athletics. Motor learning, maturation, motivation, sensory perception, psychosomatic relationships, value formation, and emotional reactions are investigated.

72:508 Perceptual Motor Learning

The study of the theoretical aspect of the perception-learning processes and their relationship to the learning of movement skills.

Construction and Maintenance of Physical Education Facilities 72:509

A study of terminology, principles, and standards for planning, construction, use, and maintenance of indoor and outdoor physical education facilities.

72:510 School and Community Health

Principles and problems in maintenance and improvement of school and community health.

72:511 Prevention and Care of Injuries

Prevention and emergency care of injuries associated with activity. Conditioning exercises, support methods, and first aid care are studied.

72:512 Kinesiology

The mechanical and anatomical principles underlying body movement. Movement analysis, flexibility, neuromuscular development, balance, and motor efficiency are examined.

PHYSICS (75)

75:503 Contemporary Physics

Prerequisite — Trigonometry.

A survey of physics during the 20th century. Emphasis will be placed upon the development of the relativistic and quantum concepts and upon their application to understanding recent advances in physics. The course is designed for students who have had no recent studies in physics.

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POLITICAL SCIENCE (78)

78:501 Seminar on Organizational Behavior

An analysis of human behavior in an organization context focusing on the problems of authority, incentives, communications, and change. 3 credits

78:502 American Political Thought

A seminar on American political thought. The development of contemporary American thought from its roots in classical political thought is traced. 3 credits

78:503 Constitutional Issues

An examination of the principal contemporary constitutional questions.

78:504

A study of nationalism and national movements as political, historical, and psycho-social phenomena. These will be examined in their Western, Communist, and Third World contexts.

78:505 Problems in International Studies

A seminar on approaches to the study of international issues. The historical, political, social, and economic background of significant political issues will be studied.

78:527 School Law

A study of local school administration from the legal point of view; principles of law and their applications described in legal theory. Attention is given to legal powers and duties.

PSYCHOLOGY (81)

81:311G Psychology of Deafness

An examination of the effects of a lack of hearing on personality and behavior. The literature in this and related fields is interpreted in terms of its theoretical and practical meaning for persons with hearing losses and for professionals who serve in their habilitation and education. Through an understanding of the effect of auditory deprivation, the course offers insights into the role of hearing in the psychological development of those with normal hearing.

81:501 Advanced Educational Psychology

A study of the learning process and the application of principles of psychology to education. Factors influencing learning, the products of learning, and evaluative techniques are emphasized. 3 credits

81:502 Human Growth and Development: Child

The course describes the child and examines him in the context of his culture and of his own biology, and explains and makes some suggestions about him. The approach is relatively eclectic, but certain theoretical positions are made explicit. The view is to be that of a psychologist, but materials from other disciplines in both biological and social sciences are used, as appropriate.

81:503 Human Growth and Development: Adolescent

This course describes the adolescent and examines him in the context of his culture and of his own biology, and explains and makes some suggestions about him. The approach is relatively eclectic but certain theoretical positions are made explicit. The view is that of a psychologist, but materials from other disciplines in both biological and social sciences are used, as appropriate. 3 credits

81:504 Mental Hygiene and Interpersonal Relations

Principles of mental hygiene with emphasis on interpersonal relationships. Focus is on improving communication skills, identifying the effects of feelings on communication, and enriching personalsocial adjustment. 3 credits

A study of the major contemporary approaches to personality theory, including relevant research and overall evaluation.

81:506 Behavior Modification in the Classroom

A study of the principles of behavior modification and their practical application in the classroom. Students develop projects to be performed in their teaching situations: identification of problem, definition behavioral terms, selection of methods to change behavior and to measure change.

81:507 Psychology of Language

A basic course in psycholinguistics which includes psychological analysis of descriptive grammar, the role of learning in language, meaning, thought, and language development.

81:508 Altered States of Awareness

Exploration through reading, discussion, and laboratory demonstration of states of awareness that are different from what one considers to be the "normal" state of wakefulness. Topics include sleep, sensory deprivation, biofeedback (using brain waves and surface temperature of body), drugs, brain surgery, and medication.

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81:509 Social Psychology

3 credits Analysis of the behavior of the individual as a member of social groups; focus on the areas of collective behavior, roles, symbolic interactionism, personality development, and small group research.

81:510 Psychology of the Exceptional Child

Nature and needs of the exceptional student; degrees of deviation from the typical and their causes, and disorders of behavior which are frequently concomitant. Psychological bases of a suitable educational program are included.

81:511 Psychology of Abnormal Behavior

A study of disorganized behavior of persons, including anxiety reactions, neuroses, and conduct disorders with some attention to signs of psychotic behavior. The course aims to develop capacity for recognizing abnormal behavior patterns.

81:512 Psycho-Social Aspects of Disability

3 credits Behavioral implications of disability are studied in depth, with particular emphasis upon relevant literature. Research related to intelligence, personality, social adjustment, and vocational considerations, is reviewed and synthesized. Appropriate diagnostic and assessment procedures with the disabled are discussed. This course is oriented toward providing the student with informational background for the guidance and counseling of disabled children and adults.

SOCIOLOGY (90)

90:502 Anthropology: General and Applied

A study of the parallels between physical and cultural evolution with emphasis upon selected ethnographies of peoples representing various stages of cultural development. Emphasis upon the uses of anthropology in the modern world and its relationship to planned culture change.

90:503 **Issues in American Society**

An in-depth study of selected key issues in contemporary American society; the exploration of various sociological approaches to the analysis of these issues with particular attention to dominant trends in culture change.

90:504 Comparative Social Institutions

An analysis of selected social institutions within American society to determine their real functions and to assess their total effect upon the society.

90:505 Sociology of the Community

3 credits The main objective of this course is to acquaint the student with some basic sociological concepts which can be applied to the analysis of the community in which he lives. Special focus is placed upon the school and the interpretation of the materials as they relate to this social institution. Special resource consultants are present in most of the classes to provide specific information pertaining to the area under discussion.

90:506 Urban Sociology

The study of the differentiation of social structures and functions within urban communities; ecological processes involved in the growth of cities and metropolitan areas; an analysis of urbanism as a

90:507 Criminology

The causes, incidence, treatment, and prevention of crime and delinquency.

90:521 Introduction to Social Services

Social welfare services in modern America; historical development, institutional nature, and current trends; evaluation of effectiveness of current programs. Characteristics of social agencies, their functions and personnel. Emphasis on agencies interacting with public education.

SPANISH (93)

93:501 Other Ways of Western Thought: The Hispanic Way

Study of some literary works to acquaint the student with high points in the culture and literature of the Hispanic World: the conquest of the New World, Cervantes' view of man, and Borges' fictions.

3 credits

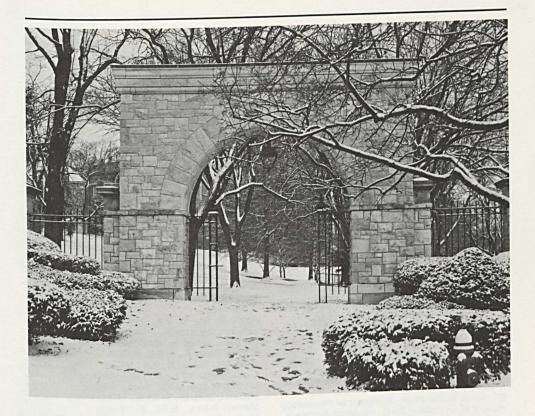
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