

UNIVERSITY  
OF MINNESOTA  
BULLETIN

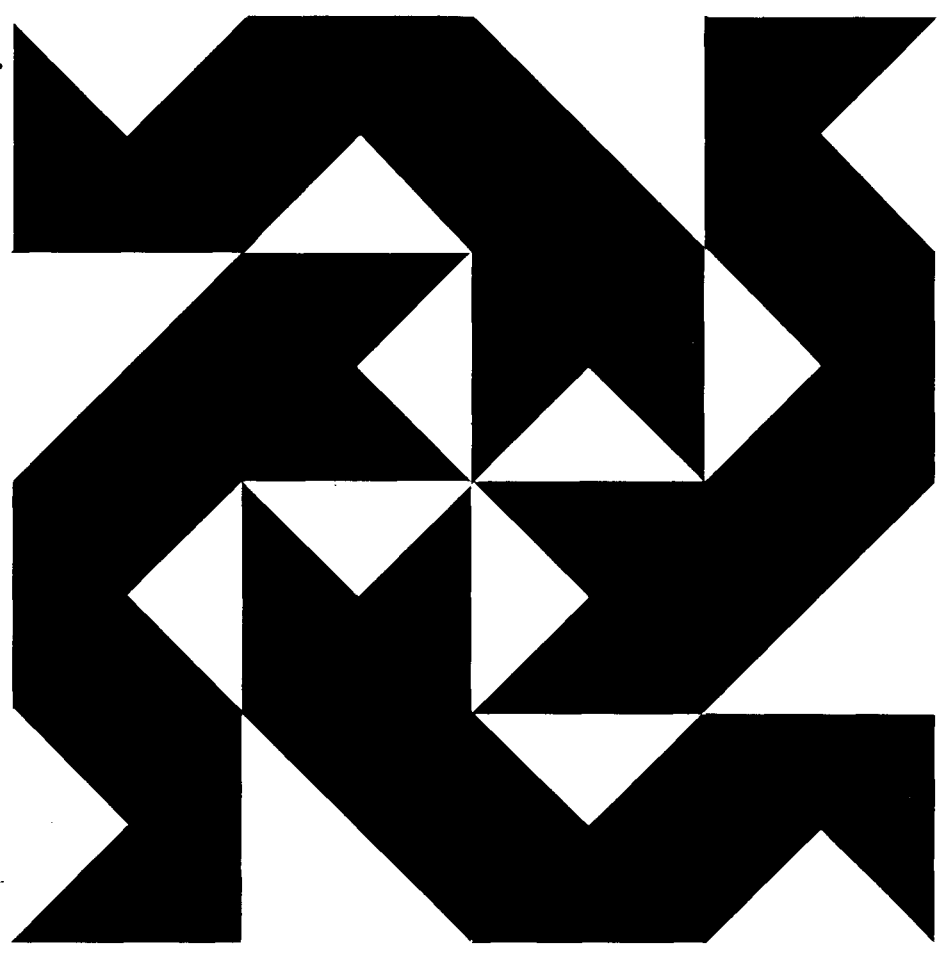
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1977-1978

AUGUST 24, 1977

COLLEGE OF EDUCATION  
CONTINUING EDUCATION CLASSES

Late Afternoon, Saturday Morning, and Extension



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# College of Education Continuing Education Classes

Late Afternoon, Saturday Morning, and Extension

UNIVERSITY OF MINNESOTA

# College of Education Continuing Education Classes

## I. GENERAL INFORMATION

The College of Education offers a wide variety of classes to teachers at times convenient to them. Some are offered in the day school; others are offered through Continuing Education and Extension. This bulletin is primarily a class schedule with information arranged in two main sections: (a) Late Afternoon and Saturday Morning Classes and (b) Extension Classes. Because registration procedures differ for the two types of courses, teachers are cautioned to read the registration instructions on the inside back cover of this bulletin carefully.

Teachers are urged to consult the *College of Education Bulletin* and the *Graduate School Bulletin* for admission requirements and complete descriptions of courses and programs, and the quarterly *Class Schedule* for course meeting times and sites and specific course offerings. All prospective and currently enrolled students should also refer to the *General Information Bulletin*. Some students may wish to refer to bulletins of other collegiate units as well, such as the Colleges of Agriculture, Biological Sciences, Business Administration, Home Economics, and Liberal Arts, the General College, and the Institute of Technology. These bulletins are available at the Williamson Hall information booth or by writing to the Office of Admissions and Records, 110 Williamson Hall, 231 Pillsbury Drive S.E., University of Minnesota, Minneapolis, Minnesota 55455.

### Late Afternoon and Saturday Morning Classes

**Admission**—Teachers who plan to register for late afternoon and Saturday morning classes must be admitted to the College of Education or the Graduate School. Applicants must pay a credentials examination fee as follows:

#### *University Graduates    Non-University Graduates*

College of Education		
—undergraduate programs	\$ 0	\$10
—M.Ed. program	10	10
Graduate School		
—M.A., Ed.D., and Ph.D. programs	5	15
Extension classes	0	0
Adult special students	0	0

Teachers planning a program of study leading to a degree must file an application for admission at one of the addresses given below and include with their application transcripts of all previous academic work as well as the credentials examination fee.

Teachers who wish to work toward the master of education degree apply for admission to the College of Education. Graduates of the College of Education may secure the admission application at 150 Williamson Hall; all others may obtain this form from the Admissions Office, 240 Williamson Hall, 231 Pillsbury Drive S.E., University of Minnesota, Minneapolis, Minnesota 55455. See the *College of Education Bulletin* for a description of this program. Telephone requests for information about the College of Education should be made to the Education Career Development Office, (612) 373-2268.

Teachers who wish to pursue work leading to the master of arts, doctor of education, or doctor of philosophy degree or the specialist in education certificate apply for admission to the Graduate School at the Graduate School Office, 310 Johnston Hall, 101 Pleasant Street S.E., University of Minnesota, Minneapolis, Minnesota 55455. See the *Graduate School Bulletin* for descriptions of these programs. Telephone requests for information about the Graduate School should be made to its admissions office, (612) 373-2973.

Teachers who wish to take course work but who have not been formally admitted to a degree program in the College of Education or the Graduate School may be admitted as adult special students in the College of Education. Graduates of the College of Education need not apply for admission as adult special students; they need only secure a permit to register at the Registration Center in Morrill Hall. All others must complete the adult special application form, available from the Admissions Office, 240 Williamson Hall, and return it to that office as early as possible before registration. Those who have been admitted as adult special students and wish to proceed in degree programs should apply for admission to the specific program early in their first quarter of adult special registration.

Only those credits earned in the first quarter of adult special registration may be presented for transfer to the Graduate School. Courses numbered 8000 or above are open only to students who have been admitted to the Graduate School; adult special students are *not* permitted to register for these courses.

**Registration**—Teachers-in-service are expected to register during the advance registration period (under alphabetical control for CLA classes) or during the week before classes begin. Early registration is advised for classes with enrollment limits. The Education Career Development Office will remain open until 5 p.m. on Monday, September 19, for registration of teachers-in-service.

Teachers who find it impossible to come to campus during the regular registration period may register from Monday through Friday of the first week of the quarter, but the procedure must be started by early afternoon to be completed in time to attend a late afternoon class on the same day. Closing hour for the final step of registration at the Records Office is 4 p.m., Monday through Friday afternoon of that week.

For students admitted to the Graduate School, the location of registration materials depends on the major. For information, Graduate School students should check in 316 Johnston Hall or call (612) 373-4584.

College of Education students, including those registering as M.Ed. or adult special students, should secure registration materials as follows: (a) those registered the preceding regular quarter (excluding summer terms) should report to the Education Career Development Office, 1425 University Avenue S.E.; (b) those not registered the preceding regular quarter (but previously admitted to the college) should report to the Registration Center, 106 Morrill Hall.

**Quarterly Tuition and Fees**—The fee for part-time registration in the College of Education is \$23 per credit for residents of the state and \$65.50 per credit for nonresidents. If 6 or more credits are taken, a student services fee of \$55 is required.

The fee for registration in the Graduate School is \$28.50 per credit for residents and \$79.50 per credit for nonresidents. The student services fee of \$55 is required of all students taking 6 credits or more.

A \$3 record service fee is required of all new students. Auditors pay the same fees as students registered for credit.

## Continuing Education and Extension

**Admission**—Many College of Education courses are offered to teachers through Continuing Education and Extension. A teacher need not apply for admission to the College of Education or Graduate School to register for courses through Continuing Education and Extension unless the courses are to be used in a program of study leading to a degree. Entry to classes is limited only by the prerequisites listed. Courses numbered 5000 or above may be taken for graduate credit by graduate students; courses numbered 8000 or above carry graduate credit and are open only to persons who have been admitted to a program in the Graduate School.

Upon the recommendation of the adviser, the Graduate School will accept on a degree program a maximum of 12 credits earned through Continuing Education and Extension. Students may select the 12 credits they wish to transfer.

Students in master of education programs in the College of Education should consult their adviser to determine the number of credits earned in Continuing Education and Extension that may be transferred to their program.

**Registration**—Teachers may register for courses offered through Continuing Education and Extension in 101 Wesbrook Hall; at the MacPhail Center, 1128 LaSalle Avenue, Minneapolis, Minnesota 55403; or by mail. In-person fall registration at Wesbrook Hall will be accepted September 7 through 12 and on September 12 through 15. Registration hours are from 12 noon to 8 p.m. except on Friday when they are from 12 noon to 4:30 p.m. For complete information about registration procedures, including registration by mail, consult the 1977-78 *Extension Classes Bulletin*. A copy of this bulletin may be obtained by calling (612) 376-3000 or by writing to Extension Classes, 101 Wesbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, Minnesota 55455.

**Tuition and Fees**—The following tuition schedule is in effect for courses offered through Continuing Education and Extension:

1xxx-level courses	\$16.50 per credit
3xxx-level courses	\$17.50 per credit
5xxx-level courses	\$18.50 per credit
8xxx-level courses	\$28.50 per credit

Special fees may be charged for use of a laboratory, extra materials, or audiovisual equipment.

Students who plan to take concurrently a late afternoon or Saturday morning class and a Continuing Education and Extension class must register on separate forms and pay both day and extension tuition and fees.

For complete information on registration and fees, consult the *Extension Classes Bulletin* or contact the Department of Extension Classes at (612) 373-3195.

## Teacher Placement Service

The College of Education provides a placement service for its qualified students and graduates for a nominal fee, helping them to secure the kinds of positions they desire. The fee entitles students to placement services for a 1-year period ending October 1. All graduating seniors (except majors in music therapy and recreation and park administration) are required to register with the Education Career Development Office, or to secure an official exemption from the requirement from that office.

## **Equal Opportunity Statement**

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap. In adhering to this policy, the University abides by the requirements of Title IX of the Education Amendments of 1972, by Section 504 of the Rehabilitation Act of 1973, and by other applicable statutes and regulations relating to equality of opportunity.

Inquiries regarding compliance may be directed to Lillian H. Williams, Director, Office of Equal Opportunity and Affirmative Action, 419 Morrill Hall, 100 Church Street S.E., University of Minnesota, Minneapolis, Minnesota 55455, (612) 373-7969, or to the Director of the Office of Civil Rights, Department of Health, Education, and Welfare, 330 Independence Avenue S.W., Washington, D.C. 20201.

## Where to Obtain Information

The following is a list of departments, program areas, and offices where information can be obtained about courses, programs, requirements for degrees and teaching certification, and special resources.

General Information and Admission	Education Career Development Office 1425 University Avenue S.E.	373-2268
Adult Education	Harlan G. Copeland 175 Peik Hall	376-3501
Agricultural Education	Roland L. Peterson 130 Classroom-Office Building St. Paul Campus	373-1021
Art Education	Michael Day 135 Wulling Hall	373-4050
Bureau of Field Studies and Surveys	Charles H. Sederberg 300 Health Service St. Paul Campus	373-2251
Business Education	Charles R. Hopkins 275 Peik Hall	373-3306
Center for Early Education and Development	Shirley G. Moore 180 Child Development	373-9854
Child Psychology	John C. Masters 152 Child Development	373-9862
Coaching Certification	James LaPoint 221a Cooke Hall	373-4221
Communication Disorders	Richard R. Martin 215 Shevlin Hall	373-4116
Community Education	Harlan G. Copeland 175 Peik Hall	376-3501
Counseling and Student Personnel Psychology	Thomas Hummel 129 Burton Hall	373-2245
Curriculum and Instruction	Robert Dykstra 130 Peik Hall	373-3300
Dean's Office	104 Burton Hall	373-9880
Distributive Education	Richard D. Ashmun 275 Peik Hall	373-9724
Drug Education	Robert S. Cobb 101 Norris Hall	373-3403
Economic Education	William E. Becker 1169 Business Administration Building West Bank	373-4469
Educational Administration	Gary F. Alkire 213 Health Service St. Paul Campus	373-5568
Education Planning and Development Office	Theodore E. Kellogg 103 Burton Hall	376-3577
Education Student Board	227 Burton Hall	373-5155
Elementary Education	Norine Odland 136 Burton Hall	373-2256



English Education (Speech-Communication, Theatre Arts)	Gene L. Piché 130 Peik Hall	373-5198
Field Experiences (Student Teaching)	Education Career Development Office 1425 University Avenue S.E.	373-2245
Financial Aid	Student Financial Aid 107 Armory	373-4021
Foreign Languages (see Second Languages and Cultures)		
General Curriculum	Richard D. Kimpston 226 Burton Hall	373-5157
Graduation Requirements	Student Relations 150 Williamson Hall	376-1680
Higher Education	Mary Corcoran 221a Burton Hall	373-5841
Home Economics Education	Joan McFadden 279 North Hall St. Paul Campus	373-1530
Human Relations	Chester W. Oden 206 Burton Hall	376-5027
Industrial Education	James Loebs 125 Peik Hall	373-7490
Instructional Systems	Robert D. Tennyson 117 Burton Hall	373-5158
Kindergarten Education	Harlan S. Hansen 238 Burton Hall	373-2285
Library Science	Joan Leigh 419 Walter Library	373-3100
Mathematics Education	James E. Stochl 1407 University Avenue S.E.	373-4140
Minnesota Research and Development Center	Brandon B. Smith 145 Peik Hall	373-3843
Music Education	Edgar Turrentine 204 Scott Hall	373-3452
Nursery School	Shirley G. Moore 180 Child Development	373-9854
Physical Education	Lela June Stoner 222 Cooke Hall	373-3219
Placement	Education Career Development Office 1425 University Avenue S.E.	373-2266
Psychoeducational Studies	Maynard Reynolds 249 Burton Hall	373-3483
Psychological Foundations of Education	330 Burton Hall	373-5213
Psychology in the Schools Training Program	Richard Weinberg N550 Elliott Hall	373-3286
Readmission Procedures	Education Career Development Office 1425 University Avenue S.E.	373-2257
Recreation and Park Administration	John Schultz 203 Cooke Hall	373-4269

Registration Information	Education Career Development Office 1425 University Avenue S.E.	373-2257
Remedial Reading and Reading Supervisor Certification	Robert L. Schreiner 130 Peik Hall	373-5834
Research, Development, and Demonstration Center, Special Education Programs	Donald Moores 13 Pattee Hall	373-4955
School and Community Health Education	Robert Cobb 101 Norris Hall	373-3403
Science Education	Clarence H. Boeck 370 Peik Hall	373-9764
Second Languages and Cultures Education	Dale L. Lange 224 Peik Hall	373-7992
Secondary Education (see academic fields)		
Social and Philosophical Founda- tions of Education	203 Burton Hall	373-9899
Social, Psychological, and Philosophical Foundations of Education	Clyde A. Parker 202 Burton Hall	373-0210
Social Studies Education	James Mackey 152 Peik Hall	373-9721
Special Education	Robert Bruininks 101 Pattee Hall	373-3291
Student Progress Committee	Education Career Development Office 1425 University Avenue S.E.	373-2257
Teacher Center (MPS/UM)	Frederick V. Hayen 155 Peik Hall	376-4580
Teacher Education	Gordon M. A. Mork 239 Burton Hall	376-7553
Vocational Education	Gordon I. Swanson 130 Classroom-Office Building St. Paul Campus	373-5183

## Postbaccalaureate Programs in Education

This list identifies areas in which postbaccalaureate programs in education are available. Master of education (M.Ed.) programs are described in detail in the *College of Education Bulletin*. Students interested in the master of arts, doctor of education, or doctor of philosophy degree program or the specialist in education certificate program should contact the department indicated and should obtain the *Graduate School Bulletin* for details of admission and program requirements.

<i>Field or Emphasis</i>	<i>M.Ed.</i>	<i>M.A.</i>	<i>Ph.D.</i>	<i>Ed.D.</i>	<i>Specialist</i>
Adult Education	no	Education	Education		
Agricultural Education	yes	Agricultural Education	Education or Vocational Education	Vocational Education	
Art Education	yes	Art Education	Education		
Business Education	yes	Business Education	Education or Vocational Education	Vocational Education	Business Education
Child Psychology	no	Child Psychology	Child Psychology		
Community Education	no	Education (Adult) or Educational Administration or Recreation and Park Administration			
Counseling and Student Personnel Psychology	no	Educational Psychology	Educational Psychology		Counseling
Distributive Education	yes	Distributive Education	Education or Vocational Education	Vocational Education	Distributive Education
Early Childhood Education	yes				
Education	no	Education	Education		
Educational Administration	no	Educational Administration	Educational Administration	Educational Administration	See fields
Educational Psychology	no	Educational Psychology	Educational Psychology		
Elementary Education	yes	Elementary Education	Education		
English Education	yes	Education or Secondary Education	Education		
Foreign Languages	See	Second Languages			
General Curriculum	no	Education or Secondary Education	Education		General Curriculum
Higher Education	no	Education	Education		
History and Philosophy of Education	See	Social and Philosophical Foundations of Education			
Home Economics Education	yes	Home Economics Education	Education or Vocational Education	Vocational Education	
Industrial Education	no	Industrial Education	Education or Vocational Education	Industrial Education or Vocational Education	

Instructional Systems	no	Education or Secondary Education	Education	
Library	no	Library School		
Mathematics Education	yes	Mathematics Education	Education	Mathematics Education
Music Education	yes	Music Education	Education	
Physical Education	yes	Physical Education or Education	Physical Education or Education	Physical Education
Psychological Foundations	no	Educational Psychology	Educational Psychology	
Psychology in the Schools Training Program	no	Educational Psychology	Educational Psychology	School Psychology
Recreation and Park Administration	yes	Recreation and Park Administration or Education	Physical Education or Education	
School Health Education	yes	Physical Education or Education	Physical Education or Education	
Science Education	yes	Education or Secondary Education	Education	
Second Languages and Cultures Education	yes	Education or Secondary Education	Education	
Secondary Education	See fields	Education or Secondary Education	Education	
Social and Philosophical Foundations of Education	no	Social and Philosophical Foundations of Education	Education	
Social Studies	yes	Education or Secondary Education	Education	
Special Education	yes	Educational Psychology	Educational Psychology	Special Education
Teacher Education	no	Education	Education	
Vocational Education	See fields		Vocational Education	Vocational Education

## II. CLASS SCHEDULE

**ADULT SPECIAL STUDENTS:** Only those credits earned *in the first quarter* of adult special registration may be transferred to a Graduate School record. Courses numbered 8000 or above are *not* open to adult special students.

### Key to Symbols

The following symbols are used throughout the course descriptions in lieu of page footnotes:

- § Credit will not be granted if the equivalent course listed after the section mark has been taken for credit.
- † All courses preceding the dagger must be completed before credit will be granted for any quarter of the sequence
- ¶ Concurrent registration is allowed (or required) in the course listed after the paragraph mark.
- # Consent of the instructor is required prior to registration.
- △ Consent of the division, department, or school offering the course is required prior to registration.

Please check the quarterly *Class Schedule* for building abbreviations used in the course listings. A *Class Schedule* is given to students with their registration materials.

### Hours and Days

Class hours, identified by roman numerals, begin at the times shown below:

I	II	III	IV	V	VI	VII	VIII	IX	X
8:15	9:15	10:15	11:15	12:15	1:15	2:15	3:15	4:15	5:15

A class listed IX-X TTh meets the ninth through the tenth hours Tuesday and Thursday, the hyphen always indicating "through." The days of the week are abbreviated M, T, W, Th, F, S.

## CHILD PSYCHOLOGY (CPsy)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

8336. **ADVANCED SOCIAL DEVELOPMENT.** (3 cr; prereq #) 3:45-5 TTh, CD 105, Hartup

8347. **ADVANCED CHILDREN'S LEARNING.** (3 cr; prereq Psy 5013 or #) 3:45-5 MW, FolH 207, Perlmutter

#### WINTER QUARTER 1978

5319. **CLINICAL PROCEDURES WITH CHILDREN AND YOUTH.** (4 cr; prereq 12 cr psy, educ psy, soc, or child psy) 9-11:30 S

8343. **ADVANCED COGNITIVE DEVELOPMENT.** (3 cr; prereq 12 cr child psy or psy) 3:45-5 MW

#### SPRING QUARTER 1978

8341. **ADVANCED PERCEPTUAL DEVELOPMENT.** (3 cr; prereq Psy 5031, #) 3:45-5 MW

8605. **DEVELOPMENTAL PSYCHOPATHOLOGY.** (3 cr; prereq 8333, #) 3:45-5 TTh

## EXTENSION CLASSES

### FALL QUARTER 1977

5303. **ADOLESCENT PSYCHOLOGY.** (4 cr, §3303; prereq 5 cr intro psy; \$74) 6:20-8:50 M, Bu 120, Keating
5311. **BEHAVIORAL AND EMOTIONAL PROBLEMS.** (4 cr, §3311; prereq 1301 or equiv; \$74) 6:20-8:50 M, WuH 230, Reed
5319. **CLINICAL PROCEDURES WITH CHILDREN AND YOUTH.** (4 cr; prereq 12 cr in psy, educ psy, soc, or child psy; limited to 55 students; \$74) 6:20-8:50 T, Pt 214, Gross
5331. **PROCESSES OF SOCIALIZATION OF CHILDREN.** (4 cr, §3331; prereq 1301 or equiv; limited to 35 students; \$74) 7-9:30 Th, Sandburg JHS 211, Golden Valley, Mohr
5345. **LANGUAGE DEVELOPMENT.** (4 cr; prereq 1301; limited to 30 students; \$74) 7-9:30 W, Ramsey HS 255, Roseville, Maratsos

### WINTER QUARTER 1978

5303. **ADOLESCENT PSYCHOLOGY.** (4 cr, §3303; prereq 5 cr intro psy; limited to 30 students; \$74) 7-9:30 W, Ramsey HS 255, Roseville, Morris, Vaughn
5311. **BEHAVIORAL AND EMOTIONAL PROBLEMS.** (4 cr, §3311; prereq 1301 or equiv; \$74) 6:20-8:50 T, Bu 123, Ireton
5313. **PSYCHOLOGY OF ATYPICAL CHILDREN.** (4 cr, §3313; prereq 1301 or equiv; \$74) 6:20-8:50 M, CD 105, Brown
5315. **INTRODUCTION TO MENTAL RETARDATION.** (4 cr, §SpEd 5120; prereq 1301 or equiv; limited to 30 students; \$74) 7-9:30 W, Richfield HS 242, Warfield

### SPRING QUARTER 1978

5311. **BEHAVIORAL AND EMOTIONAL PROBLEMS.** (4 cr, §3311; prereq 1301 or equiv; limited to 35 students; \$74) 7-9:30 T, Sandburg JHS 204, Golden Valley, Newcomb
5315. **INTRODUCTION TO MENTAL RETARDATION.** (4 cr, §SpEd 5120; prereq 1301 or equiv; limited to 30 students; \$74) 6:20-8:50 Th, Pt 214, Warfield
5331. **PROCESSES OF SOCIALIZATION OF CHILDREN.** (4 cr, §3331; prereq 1301 or equiv; limited to 40 students; \$74) 6:20-8:50 W, CD 216, Collins
5343. **COGNITIVE DEVELOPMENT.** (4 cr; prereq 1301; limited to 35 students; \$74) 7-9:30 M, Richfield HS 242, Klayman

## CURRICULUM AND INSTRUCTION

### Adult, Higher, and Teacher Education (Educ)

#### LATE AFTERNOON AND SATURDAY MORNING CLASSES

##### FALL QUARTER 1977

5180. **ANALYSIS OF THE TEACHING PROCESS.** (3 cr; prereq tchg exper or #) IX-X T, E11H N119, E Anderson
5184. **SUPERVISION OF CLINICAL EXPERIENCES.** (3 cr; prereq #) IX-X T, Bu 239, Mork
5186. **ALTERNATIVE SCHOOL DESIGNS: IMPLICATIONS FOR TEACHER EDUCATION.** (3 cr) IX-X M, Pt 214, Howey
5301. **DESIGNING THE ADULT EDUCATION PROGRAM.** (3 cr; prereq #) 3:15-5:30 W, CD 218, Copeland
5401. **ADULT LEARNING AND DEVELOPMENT THROUGH THE LIFE SPAN.** (3 cr) 4:15-6:30 Th, CD 216, Williams
5501. **CONTINUING EDUCATION AND THE PROFESSIONS.** (3 cr) 3:15-5:30 M, CD 218, Willie
8188. **ALTERNATIVE PROGRAMS IN TEACHER EDUCATION.** (3 cr) IX-X M, FoIH 104, Bruning
8230. **SEMINAR: DISSERTATION RESEARCH IN HIGHER EDUCATION.** (1 cr; prereq #) 7-9 pm M, Bu 211, Corcoran, Keller

- 8250. HIGHER EDUCATION IN THE UNITED STATES.** (3 cr; prereq 18 cr educ or 1 yr grad study in any field) 9:15-12 S, Bu 211, Corcoran
- 8252. EFFECTIVE COLLEGE TEACHING.** (3 cr; prereq 8250, 1 yr grad study in any field or 18 cr educ) IX-X Th, EdHAn, Howey

### WINTER QUARTER 1978

- 8229. SEMINAR: BASIC ISSUES IN HIGHER EDUCATION.** (1-4 cr; prereq #) IX-X T
- 8230. SEMINAR: DISSERTATION RESEARCH IN HIGHER EDUCATION.** (1 cr; prereq #) 7-9 pm M, Bu 211
- 8251. CURRICULUM TRENDS IN AMERICAN COLLEGES.** (3 cr; prereq 8250, 18 cr educ or 1 yr grad study in any field) II-III S
- 8285. PROFESSIONAL EDUCATION OF TEACHERS.** (3 cr; prereq 15 cr educ incl 5184, 8250, or HEd 5182 or CSPP 8140 or #) IX-X T

### SPRING QUARTER 1978

- 5182. LABORATORY APPROACHES IN TEACHER EDUCATION.** (3 cr) IX-X M
- 5184. SUPERVISION OF CLINICAL EXPERIENCES.** (3 cr; prereq #) IX-X Th
- 5199. WORKSHOP: TEACHER EDUCATION.** (1-12 cr [max 12]; prereq tchg exper, #) IX-X W
- 5301. DESIGNING THE ADULT EDUCATION PROGRAM.** (3 cr; prereq #) 4:15-6:30 Th
- 5401. ADULT LEARNING AND DEVELOPMENT THROUGH THE LIFE SPAN.** (3 cr) 4:15-6:30 M
- 8188. ALTERNATIVE PROGRAMS IN TEACHER EDUCATION.** (3 cr) IX-X M
- 8229. SEMINAR: BASIC ISSUES IN HIGHER EDUCATION.** (1-4 cr; prereq #) IX-X T
- 8230. SEMINAR: DISSERTATION RESEARCH IN HIGHER EDUCATION.** (1 cr; prereq #) 7-9 pm M
- 8250. HIGHER EDUCATION IN THE UNITED STATES.** (3 cr; prereq 18 cr educ or 1 yr grad study in any field) IX-X Th
- 8252. EFFECTIVE COLLEGE TEACHING.** (3 cr; prereq 8250 or 1 yr grad study in any field or 18 cr educ) IX-X W

## EXTENSION CLASSES

### FALL QUARTER 1977

- 5103. ADULT EDUCATION WORKSHOP: COMMUNITY EDUCATION.** (1-12 cr [max 12]; prereq practicing adult educator and #: a joint day/extension class; limited to 10 extension students; \$55.50) This offering for 3 credits. 10-12:30 Th, Southdale-Hennepin Area Library, 7001 York Ave S, Edina, Cope-land, Cramer

## Art Education (ArEd)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

- 5303. CURRICULUM BUILDING IN ART EDUCATION: PROGRAMS FOR EXCEPTIONAL CHILDREN.** (3 cr) IX-X T, WuH 110, Slettehaugh
- 5389. APPLICATION OF AESTHETIC THEORY IN EDUCATION.** (3 cr) IX-X W, WuH 110, Slettehaugh
- 8306. SEMINAR: ART EDUCATION.** (1 cr) IX-X Th, WuH 110, Day

#### WINTER QUARTER 1978

- 5302. CURRICULUM BUILDING IN ART EDUCATION: INNOVATIONS.** (4 cr) IX-X W
- 5316. INTERCULTURAL EDUCATION THROUGH ART.** (3 cr) IX-X T
- 8300. RESEARCH IN ART EDUCATION.** (3 cr) IX-X Th
- 8306. SEMINAR: ART EDUCATION.** (1 cr) IX-X M

## SPRING QUARTER 1978

5318. ART EDUCATION IN EUROPE. (3 cr) IX-X W  
8306. SEMINAR: ART EDUCATION. (1 cr) IX-X M

## EXTENSION CLASSES

### FALL QUARTER 1977

3009. WEAVING WITHOUT A LOOM. (4 cr; limited to 24 students; \$70) 6:20-8:50 T, WuH 340, Smits  
3010. INTRODUCTION TO WEAVING. (3 cr; limited to 16 students; \$52.50 and \$5 course fee) 9-11:30 S, WuH 340, Smits  
3030. PUPPETRY. (3 cr; limited to 30 students; \$52.50) 6:20-8:50 Th, WuH 220, Olson  
5001. ART MEDIA TECHNIQUES. (1-12 cr [max 12]; limited to 30 students; \$55.50 and \$2 course fee) This offering for 3 credits will focus on art appreciation with emphasis on responding to art and fostering art appreciation in children. 6:20-8:50 Th, WuH 240, Day

### WINTER QUARTER 1978

3009. WEAVING WITHOUT A LOOM. (4 cr; limited to 24 students; \$70) 6:20-8:50 T, WuH 340, Smits

### SPRING QUARTER 1978

3009. WEAVING WITHOUT A LOOM. (4 cr; limited to 24 students; \$70) 6:20-8:50 T, WuH 340, Smits  
3010. INTRODUCTION TO WEAVING. (3 cr; limited to 16 students; \$52.50 and \$5 course fee) 6:20-8:50 Th, WuH 340, Smits  
5001. ART MEDIA TECHNIQUES. (1-12 cr [max 12]; limited to 30 students; \$55.50 and \$2 course fee) This offering for 3 credits will focus on children's artistic development and is intended for parents and teachers. 6:20-8:50 Th, WuH 240, Day

## Curriculum and Instructional Systems (CISy)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### WINTER QUARTER 1978

5003. EDUCATIONAL TECHNOLOGY: COMPUTERS IN THE CLASSROOM. (1 cr, §SeEd 5003 or 5102) IX-X Th  
5004. EDUCATIONAL TECHNOLOGY: CLASSROOM VIDEO. (1 cr, §SeEd 5004 or 5102) IX-X Th  
5205. APPLICATIONS OF COMPUTERS IN EDUCATION. (3 cr, §SeEd 5205; prereq 5003 or SeEd 5003) IX-X M  
5207. APPLICATIONS OF TELEVISION IN EDUCATION. (2 cr, §SeEd 5207; prereq 5004 or SeEd 5004) IX-X W  
5209. APPLICATIONS OF AUDIO AND VISUAL AIDS IN EDUCATION. (2 cr, §SeEd 5105 or 5209; prereq 5001 or SeEd 5001) IX-X T  
5217. MECHANICS OF CINEMATOGRAPHY. (3 cr, §SeEd 5111) IX-X M  
5507. SEMINAR: PRACTICAL RESEARCH IN CURRICULUM AND INSTRUCTION. (1-4 cr, §SeEd 5174; prereq #) IX-X MTh  
5600. INTRODUCTION TO CURRICULUM DEVELOPMENT. (3 cr, §SeEd 5113; prereq SeEd 3155 or equiv) IX-X M  
5700. MODELS AND PROCEDURES FOR CURRICULUM PLANNING. (3 cr, §SeEd 5170; prereq 5600 or SeEd 5113 or Elem 5100) IX-X Th  
5800. SUPERVISION OF SECONDARY INSTRUCTION. (3 cr, §SeEd 5172; prereq 5600 or SeEd 5113) 7-9 pm Th  
8600. SEMINAR: SECONDARY CURRICULUM AND INSTRUCTION. (2 cr [max 4]; prereq 5605 or SeEd 5114 or  $\Delta$ ) IX-X W

#### SPRING QUARTER 1978

5001. EDUCATIONAL TECHNOLOGY: INSTRUCTIONAL MEDIA. (1 cr, §SeEd 5001 or 5102) IX-X M  
5002. EDUCATIONAL TECHNOLOGY: INSTRUCTIONAL EQUIPMENT RESOURCES. (1 cr, §SeEd 5002 or 5102) IX-X M



- 5100. INSTRUCTIONAL TECHNOLOGY WORKSHOP.** (1-3 cr, §SeEd 5103) IX-X Th
- 5212. PREPARATION OF MEDIA MATERIALS: COMPUTER.** (2 cr, §SeEd 5212; prereq 5201, 5205 or SeEd 5201, 5205) IX-X Th
- 5213. PREPARATION OF MEDIA MATERIALS: PROJECTED.** (2 cr, §SeEd 5213; prereq 5201, 5209 or SeEd 5201, 5209) IX-X W
- 5214. PREPARATION OF MEDIA MATERIALS: NONPROJECTED.** (2 cr, §SeEd 5214; prereq 5201, 5209 or SeEd 5201, 5209) IX-X Th
- 5215. PREPARATION OF MEDIA MATERIALS: VIDEO.** (2 cr, §SeEd 5215; prereq 5201, 5207 or SeEd 5201, 5207) IX-X T
- 5216. INSTRUCTIONAL SIMULATIONS AND LEARNING GAMES: DEVELOPMENT AND CLASSROOM USE.** (3 cr, §SeEd 5131) IX-X M
- 5507. SEMINAR: PRACTICAL RESEARCH IN CURRICULUM AND INSTRUCTION.** (1-4 cr, §SeEd 5174; prereq #) IX-X MTh
- 5600. INTRODUCTION TO CURRICULUM DEVELOPMENT.** (3 cr, §SeEd 5113; prereq SeEd 3155 or equiv) IX-X M
- 5605. PRINCIPLES OF CURRICULUM DESIGN: INTERDISCIPLINARY APPROACHES.** (3 cr, §SeEd 5114) IX-X Th
- 5615. DESIGN OF CURRICULUM/INSTRUCTIONAL MATERIALS.** (1-12 cr, §SeEd 5173) IX-X T

## Elementary Education (Elem)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

- 5100. ELEMENTARY SCHOOL CURRICULUM.** (3 cr; prereq 3101) IX-X M, Bu 120
- 5107. DIAGNOSIS AND TREATMENT OF LEARNING DIFFICULTIES.** (3 cr) I-II S, Bu 120
- 5109. SUPERVISORY STRATEGIES IN PLANNING, OBSERVING, CONFERENCING.** (3 cr; prereq #) 7-9 pm T, Bu 123, McNergney
- 5300. LITERATURE FOR THE ELEMENTARY SCHOOL.** (3 cr) IX-X T, Bu 123, Odland
- 5316. TEACHING AND SUPERVISION OF ENGLISH IN ELEMENTARY SCHOOLS.** (3 cr; prereq 3316 or elem tchg exper) IX-X M, Bu 125, Youngers
- 5317. MATERIALS LABORATORY FOR TEACHING ENGLISH IN ELEMENTARY SCHOOLS.** (3 cr; prereq 3316 or elem tchg exper) IX-X W, Bu 120
- 5331. TEACHING AND SUPERVISION OF READING IN THE ELEMENTARY SCHOOL.** (3 cr; prereq 9 cr educ) IX-X Th, WuH 130, Pearson
- 5333. INSTRUCTIONAL LEADERSHIP IN ELEMENTARY READING.** (3 cr; prereq 5331 or #) IX-X T, FoIH 203, Manning
- 5334. READING DIFFICULTIES.** (3 cr; prereq 5331 or SeEd 5344) IX-X M, Jones 4
- 5337. BEGINNING READING INSTRUCTION.** (3 cr; prereq 3331, #) IX-X M, EltH N119, Manning
- 5338. TEACHING READING IN THE INTERMEDIATE GRADES.** (3 cr; prereq 3331, #) III-IV S, Bu 120, Pearson
- 5346. TEACHING SCIENCE IN THE ELEMENTARY SCHOOL.** (3 cr; prereq elem tchg exper or #) IX-XI Th, PeikH 385, Johnson
- 5350. ELEMENTARY SCHOOL SCIENCE: MATERIALS AND RESOURCES.** (3 cr; prereq 5349) IX-XI W, PeikH 385, Humphreys
- 5361. TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.** (3 cr; prereq 3101) IX-X T, Pt 214, Cogan
- 5363. WORKSHOP: CURRICULUM IMPLEMENTATION IN ELEMENTARY SCHOOL SOCIAL STUDIES.** (Cr or [max 9]; prereq elem tchg exper, #) IX-X Th, Pt 214, Ellis
- 5376. CURRENT TRENDS IN EARLY CHILDHOOD EDUCATION.** (3 cr; prereq techg exper in kindergarten or primary or #) IX-XI T, Pt 102, Hansen
- 8361. CURRICULUM CONSTRUCTION IN ELEMENTARY SOCIAL STUDIES.** (3 cr; prereq 3361 or 5361 or #) IX-X Th, PeikH 165, Cogan, Gardner

#### WINTER QUARTER 1978

- 5100. ELEMENTARY SCHOOL CURRICULUM.** (3 cr; prereq 3101) IX-X T
- 5107. DIAGNOSIS AND TREATMENT OF LEARNING DIFFICULTIES.** (3 cr) IX-X T

5108. SUPERVISION AND IMPROVEMENT OF INSTRUCTION. (3 cr; prereq 9 cr educ) IX-X W
5300. LITERATURE FOR THE ELEMENTARY SCHOOL. (3 cr) I-II S
5305. SURVEY OF SPECIAL COLLECTIONS IN CHILDREN'S LITERATURE. (3 cr; prereq 5300 or #) IX-X T
5317. MATERIALS LABORATORY FOR TEACHING ENGLISH IN ELEMENTARY SCHOOLS. (3 cr; prereq 3316 or elem tchg exper) IX-X W
5319. TEACHING SECOND LANGUAGES AND CULTURES IN ELEMENTARY SCHOOL. (3 cr; prereq Δ) III-IV S
5331. TEACHING AND SUPERVISION OF READING IN THE ELEMENTARY SCHOOL. (3 cr; prereq 9 cr educ) IX-X M
5334. READING DIFFICULTIES. (3 cr; prereq 5331 or SeEd 5344) IX-X T
5338. TEACHING READING IN THE INTERMEDIATE GRADES. (3 cr; prereq 3331, #) IX-X Th
5348. ELEMENTARY SCHOOL SCIENCE: CURRICULUM AND SUPERVISION. (3 cr; prereq 3346 or 5346) IX-X T
5362. MATERIALS LABORATORY FOR ELEMENTARY SOCIAL STUDIES TEACHERS. (3 cr; prereq 3361 or 5361 or #) IX-X W
5363. WORKSHOP: CURRICULUM IMPLEMENTATION IN ELEMENTARY SCHOOL SOCIAL STUDIES. (Cr ar [max 9]; prereq elem tchg exper, #) IX-X M
8316. RESEARCH IN ENGLISH COMPOSITION IN ELEMENTARY SCHOOLS. (3 cr; prereq 5316) IX-X W
8347. ELEMENTARY SCHOOL SCIENCE PROGRAM: ARTICULATION AND COORDINATION. (3 cr; prereq 5350 or 8346) IX-X Th
8992. RESEARCH IN EDUCATIONAL DIAGNOSIS. (3 cr) IX-X W

### SPRING QUARTER 1978

5100. ELEMENTARY SCHOOL CURRICULUM. (3 cr; prereq 3101) IX-X M
5107. DIAGNOSIS AND TREATMENT OF LEARNING DIFFICULTIES. (3 cr) IX-X W
5108. SUPERVISION AND IMPROVEMENT OF INSTRUCTION. (3 cr; prereq 9 cr educ) IX-X Th
5300. LITERATURE FOR THE ELEMENTARY SCHOOL. (3 cr) IX-X W
5317. MATERIALS LABORATORY FOR TEACHING ENGLISH IN ELEMENTARY SCHOOLS. (3 cr; prereq 3316 or elem tchg exper) I-II S
5334. READING DIFFICULTIES. (3 cr; prereq 5331 or SeEd 5344) IX-X M
5337. BEGINNING READING INSTRUCTION. (3 cr; prereq 3331 #) IX-X T
5348. WORKSHOP: OUTDOOR SCIENCE EDUCATION. (3 cr; prereq elem tchg exper) IX-X Th
5363. WORKSHOP: CURRICULUM IMPLEMENTATION IN ELEMENTARY SCHOOL SOCIAL STUDIES. (Cr ar [max 9]; prereq elem tchg exper, #) IX-X T
5377. EARLY CHILDHOOD EDUCATION: MATERIALS AND RESOURCES. (3 cr; prereq 3377 or 5376, tchg exper) IX-X T
8300. RESEARCH IN SPECIAL COLLECTIONS OF CHILDREN'S LITERATURE. (1-3 cr [max 6]) IX-X Th
8363. SEMINAR: ELEMENTARY SOCIAL STUDIES EDUCATION. (3 cr; prereq 3361 or 5361, 8362 or #) IX-X W

## EXTENSION CLASSES

### WINTER QUARTER 1978

5347. WORKSHOP: CURRICULUM IMPLEMENTATION IN ELEMENTARY SCHOOL SCIENCE. (3-6 cr; prereq elem tchg exper; limited to 30 students; \$55.50) This offering for 3 credits will focus on curriculum materials for teaching in an outdoor winter setting. Sat, Jan 28, 8:30 am to 4:30 pm; Sun, Jan 29, 9 am to 3:30 pm; Fri, Feb 10, 6 pm to 9 pm; Sat, Feb 11, 8 am to 9 pm; Sun, Feb 12, 8 am to 2 pm; Mon, Feb 27, 6 pm to 9 pm; Woodlake Nature Center, Richfield (66th and Lakeshore Drive)—Jan 28, 29, and Feb 27; Long Lake Conservation Center, Aitkin—Feb 10, 11, and 12; R Johnson

## Mathematics Education (MthE)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

5101. WORKSHOP: ELEMENTARY SCHOOL MATHEMATICS. (1-12 cr [max 12]; prereq #: not open to math educ majs) IX-XI T, PeikH 375, StochI

- 5102. WORKSHOP: MATHEMATICS EDUCATION.** (1-12 cr [max 12]) IX-XI W, PeikH 375, Johnson
- 5301. INSTRUCTIONAL LEADERSHIP IN ELEMENTARY SCHOOL MATHEMATICS.** (3 cr; prereq #; not open to math educ majs) IX-XI M, PeikH 375, Jackson
- 5311. TEACHING AND SUPERVISION OF MATHEMATICS IN THE ELEMENTARY SCHOOL.** (3 cr; prereq Elem 3391 or #) IX-XI Th, PeikH 375, Post
- 5312. TEACHING AND SUPERVISION OF MATHEMATICS IN THE SECONDARY SCHOOL.** (3 cr; prereq math tchg exper or #) IX-XI Th, PeikH 315, House
- 5355. MATHEMATICS FOR SLOW LEARNING CHILDREN.** (3 cr; prereq 5311 or Elem 3391 or #) IX-XI W, PeikH 375, Jackson
- 8500. THEORY AND CLASSICAL RESEARCH IN MATHEMATICS EDUCATION.** (3 cr; prereq 5311 or 5312 or #) IX-XI M, PeikH 315, Stochl
- 8590. SEMINAR: MATHEMATICS EDUCATION.** (Cr ar [max 8]; prereq #) IX-X T, PeikH 375, Staff

### WINTER QUARTER 1978

- 5101. WORKSHOP: ELEMENTARY SCHOOL MATHEMATICS.** (1-12 [max 12]; prereq #; not open to math educ majs) II-IV S
- 5321. MATERIALS LABORATORY FOR ELEMENTARY SCHOOL MATHEMATICS INSTRUCTION.** (3 cr; prereq 5311, Elem 3391 or #) IX-XI M
- 5322. MATERIALS LABORATORY FOR SECONDARY SCHOOL MATHEMATICS INSTRUCTION.** (3 cr; prereq 5312 or #) IX-XI W
- 5331. CURRENT DEVELOPMENTS IN ELEMENTARY SCHOOL MATHEMATICS INSTRUCTION.** (3 cr; prereq 5311 or #) IX-XI Th
- 8570. RESEARCH IN MATHEMATICS EDUCATION.** (4 cr; prereq 8500 or #) IX-XI W

### SPRING QUARTER 1978

- 5345. MATHEMATICS FOR GIFTED CHILDREN.** (3 cr; prereq 5311 or Elem 3391 or #) IX-XI Th
- 5355. MATHEMATICS SLOW LEARNING CHILDREN.** (3 cr; prereq 5311 or Elem 3391 or #) IX-XI T
- 5366. COMPUTER-ASSISTED MATHEMATICS INSTRUCTION.** (3 cr; prereq 5311 or 5312 or SeEd 3365 or #) IX-XI W
- 8590. SEMINAR: MATHEMATICS EDUCATION.** (Cr ar [max 8]; prereq #) IX-X T

## Music Education (MuEd)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

- 5591. NEW DIMENSIONS IN INSTRUMENTAL MUSIC EDUCATION.** (3 cr) IX-X M, ScH 103, Schultz
- 5801. INFLUENCE OF MUSIC ON BEHAVIOR.** (3 cr) IX-X Th, MusEd 101, Jellison
- 8281. SEMINAR: HISTORICAL, PHILOSOPHICAL, AND PSYCHOLOGICAL ISSUES.** (2 cr, 8281-8282-8283†; prereq MA in mus or mus educ or #) IX-X T, ScH 103, Turrentine

#### WINTER QUARTER 1978

- 5112. RESEARCH TECHNIQUES.** (3 cr) IX-X M
- 8282. SEMINAR: HISTORICAL, PHILOSOPHICAL, AND PSYCHOLOGICAL ISSUES.** (2 cr, 8281-8282-8283†; prereq MA in mus or mus educ or #) IX-X T

#### SPRING QUARTER 1978

- 5111. BIBLIOGRAPHY.** (3 cr) IX-X T
- 5221. MUSIC AND THE RELATED ARTS IN ELEMENTARY AND SECONDARY SCHOOLS.** (3 cr; prereq #) IX-X Th
- 8283. SEMINAR: HISTORICAL, PHILOSOPHICAL, AND PSYCHOLOGICAL ISSUES.** (2 cr, 8281-8282-8283†; prereq MA in mus or mus educ or #) IX-X W

## EXTENSION CLASSES

### FALL QUARTER 1977

**5750. WORKSHOP: MUSIC EDUCATION.** (1-12 cr [max 12]; limited to 25 students; \$37) This offering for 2 credits will focus on music for early childhood and is designed to meet the needs of nursery school teachers and others working in the area of early childhood education. 7-9 T, Anoka-Ramsey Community College, 11200 Mississippi Blvd, Coon Rapids, Cortright

### SPRING QUARTER 1978

**5750. WORKSHOP: MUSIC EDUCATION.** (1-12 cr [max 12]; limited to 25 students; \$37) This offering for 2 credits will focus on music for early childhood and is designed to meet the needs of nursery school teachers and others working in the area of early childhood education. 7-9 T, MacPhail, Cortright

## Secondary Education (SeEd)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

- 5000. EDUCATIONAL TECHNOLOGY: INSTRUCTIONAL SYSTEMS.** (1 cr, §5102) IX-X M, EdHAn 64
- 5001. EDUCATIONAL TECHNOLOGY: INSTRUCTIONAL MEDIA.** (1 cr, §5102) IX-X M, EdHAn 64, Carrier
- 5002. EDUCATIONAL TECHNOLOGY: INSTRUCTIONAL EQUIPMENT RESOURCES.** (1 cr, §5102) IX-X M, EdHAn 64, Carrier
- 5003. EDUCATIONAL TECHNOLOGY: COMPUTERS IN THE CLASSROOM.** (1 cr, §5102) IX-X M, EdHAn 64, Carrier
- 5004. EDUCATIONAL TECHNOLOGY: CLASSROOM VIDEO.** (1 cr, §5102) IX-X M, EdHAn 64, Carrier
- 5103. INSTRUCTIONAL TECHNOLOGY WORKSHOP.** (1-3 cr) IX-X Th, EdHAn 64
- 5113. INTRODUCTION TO CURRICULUM DEVELOPMENT.** (3 cr; prereq 3155) IX-X T, NH 122, Kimpston
- 5129. TRENDS AND ISSUES IN SECONDARY CURRICULUM.** (3 cr; prereq 5113) IX-X M, NH 122
- 5150. ADVANCED METHODS OF TEACHING THE SOCIAL STUDIES.** (3 cr) IX-X T, PeikH 165, Glenn
- 5151. SCHOOL-BASED PROJECTS IN SOCIAL STUDIES EDUCATION.** (1-12 cr [max 12]) Glenn
- 5185. SCHOOL- AND PROFESSIONAL-BASED EXPERIENCES IN SECOND LANGUAGES AND CULTURES.** (1-12 cr [max 12]; prereq MEd students only) Jorstad, Lange
- 5186. ALTERNATIVES IN SECOND LANGUAGES EDUCATION.** (3 cr) I-II S, PeikH 215, Lange
- 5194. ENGLISH LANGUAGE ARTS CURRICULA IN THE SECONDARY SCHOOL.** (3 cr; prereq 3326) IX-X Th, Bu 120, Beach
- 5201. SYSTEMS APPROACH TO DESIGN OF INSTRUCTION.** (3 cr; prereq 5000) IX-X T, EdHAn 64, Tennyson
- 5203. RESOURCE MANAGEMENT IN INSTRUCTIONAL PROGRAMS.** (3 cr; prereq 5000 or #) IX-X W, EdHAn 64
- 5322. TEACHING COMPOSITION AND COMMUNICATION IN JUNIOR AND SENIOR HIGH SCHOOLS.** (3 cr) IX-X M, PeikH 225, Piché
- 5340. TEACHING SPEECH AND FORENSICS IN SECONDARY SCHOOL.** (3 cr; prereq Spch 1101 or 1102, 1106 or #) IX-X Th, EIH N119
- 5344. TEACHING READING IN CONTENT AREAS.** (3 cr; prereq 9 cr educ) IX-X T, PeikH 225
- 5385. PLANNING AND ASSESSING SECOND LANGUAGE INSTRUCTION.** (4 cr) III-V S, PeikH 225, Lange, others
- 5395. SCHOOL-BASED PROJECTS IN SCIENCE EDUCATION.** (1-12 cr [max 12]; prereq MEd student in science educ) Boeck, Gennaro
- 8104. CURRICULUM DEVELOPMENT IN THE SOCIAL STUDIES.** (3 cr; prereq 5150, 5152) IX-X Th, PeikH 165, Cogan, Gardner
- 8322. SEMINAR: SECONDARY CURRICULUM AND INSTRUCTION.** (2 cr [max 4]; prereq 5114) IX-X W, PeikH 250, Kimpston
- 8387. SEMINAR: SECOND LANGUAGE EDUCATION.** (1-3 cr; prereq #) IX-X F, PeikH 215, Jorstad, Lange

## WINTER QUARTER 1978

5122. **STRATEGIES FOR TEACHING CULTURE IN THE SECOND LANGUAGE CLASSROOM.** (4 cr; prereq lang maj or min) IX-X TTh
5151. **SCHOOL-BASED PROJECTS IN SOCIAL STUDIES EDUCATION.** (1-12 cr [max 12])
5153. **NEW PERSPECTIVES IN THE SOCIAL STUDIES.** (1-3 cr [max 12]) IX-X T or W
5176. **CLASSROOM RESEARCH IN ENGLISH EDUCATION AND READING.** (3 cr; prereq MEd student in Engl educ or #) IX-X MW
5185. **SCHOOL- AND PROFESSIONAL-BASED EXPERIENCES IN SECOND LANGUAGES AND CULTURES.** (1-12 cr [max 12]; prereq MEd students only)
5189. **PLANNING AND ASSESSING SECOND LANGUAGE CURRICULUM.** (4 cr) 6-7:30 pm T, I-II S
5326. **TEACHING FILM.** (3 cr) IX-X Th
5344. **TEACHING READING IN CONTENT AREAS.** (3 cr; prereq 9 cr educ) IX-X T
5390. **CURRENT DEVELOPMENTS IN SECONDARY SCHOOL SCIENCE TEACHING.** (3 cr; prereq 3356, 3357, or equiv undergrad courses or science tchg exper) III-IV S
5395. **SCHOOL-BASED PROJECTS IN SCIENCE EDUCATION.** (1-12 cr [max 12]; prereq MEd student in science educ) Boeck, Gennaro
5397. **STUDIES IN SCIENCE EDUCATION.** (3 cr, §8887; prereq MEd students, #) I-II S
8387. **SEMINAR: SECOND LANGUAGE EDUCATION.** (1-3 cr; prereq #) IX-X F
8887. **RESEARCH FOUNDATIONS OF SECONDARY SCHOOL SCIENCE TEACHING.** (3 cr) I-II S

## SPRING QUARTER 1978

5151. **SCHOOL-BASED PROJECTS IN SOCIAL STUDIES EDUCATION.** (1-12 cr [max 12])
5153. **NEW PERSPECTIVES IN THE SOCIAL STUDIES.** (1-3 cr [max 12]) IX-X T or W
5175. **SECONDARY REMEDIAL READING INSTRUCTION.** (3 cr; prereq 5344 or Elem 5331 or #) IX-X T
5184. **EXAMINATION AND ASSESSMENT OF MATERIALS IN SECOND LANGUAGES AND CULTURES.** (2 cr; prereq 3334 or 5385) 6-7:30 pm T
5185. **SCHOOL- AND PROFESSIONAL-BASED EXPERIENCES IN SECOND LANGUAGES AND CULTURES.** (1-12 cr [max 12]; prereq MEd students only)
5321. **TEACHING LITERATURE IN SECONDARY SCHOOLS.** (3 cr; prereq 3155 or jr-sr high school tchg exper) IX-X Th
5324. **CURRICULUM PROBLEMS AND ISSUES IN TEACHING THEATRE ARTS IN SECONDARY SCHOOLS.** (3 cr; prereq upper div or grad) IX-X W
5382. **TESTING AND EVALUATION IN SECOND LANGUAGE TEACHING AND LEARNING.** (3 cr; prereq PsyF 5120) IV-V S
5395. **SCHOOL-BASED PROJECTS IN SCIENCE EDUCATION.** (1-12 cr [max 12]; prereq MEd student in science educ)
8188. **INFORMATION SOURCES AND RESEARCH IN SECOND LANGUAGE LEARNING AND TEACHING.** (5 cr; prereq 5385, 5189 or #) I-III S
8387. **SEMINAR: SECOND LANGUAGE EDUCATION.** (1-3 cr; prereq #) IX-X F

## EXTENSION CLASSES

### SPRING QUARTER 1978

5325. **IMPROVISATIONAL DRAMA TECHNIQUES IN THE CLASSROOM.** (3 or 6 cr [max 6]; \$55.50) This offering for 3 credits. Special term: 7-10 W, March 29, April 5, 12, 19, 26, May 10; 9-12 S, April 8, May 6; PeikH 325, Brunetti, O'Fallen, Youngers

## EDUCATIONAL ADMINISTRATION (EdAd)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

### FALL QUARTER 1977

5103. **SUPERVISION AND ADMINISTRATION OF SPECIAL EDUCATION.** (3 cr, §SpEd 5160; prereq #) 4-5:45 Th, ClaOff B30, Weatherman, Wolf

8202. **POLITICS OF EDUCATION.** (3 cr) 4-5:45 T, ClaOff B30, Mazzoni
8203. **THE COMMUNITY SCHOOL.** (3 cr) 4-5:45 W, ClaOff 27, Popper
8210. **ECONOMICS OF EDUCATION.** (3 cr) 4-5:45 M, ClaOff B25, Mueller
8213. **FINANCIAL RESOURCE MANAGEMENT.** (3 cr; prereq 8212 or #) 4-5:45 T, ClaOff B36, Sederberg
8215. **THE ELEMENTARY SCHOOL PRINCIPALSHIP.** (3 cr; prereq 8201, 8202 or #) 4-5:45 W, ClaOff 31, Lambert
8218. **SEMINAR: THE SOCIAL ORGANIZATION OF SCHOOLS.** (3 cr; prereq educ admin maj or #) 4-5:45 M, CofH 299, Popper
8224. **LEGAL IMPLICATIONS OF ACTS BY SCHOOL BOARDS, ADMINISTRATORS, AND TEACHERS.** (3 cr) 4-5:45 Th, ClaOff B35, Hooker
8226. **EDUCATIONAL FACILITIES PLANNING.** (3 cr) 4-5:45 W, ClaOff 35, Alkire
8242. **ADMINISTRATIVE ORGANIZATION AND STAFFING OF SCHOOL SYSTEMS.** (3 cr; prereq #) 6:20-8:50 Th, ClaOff B42, Mansergh
8274. **THE TWO-YEAR COLLEGE.** (3 cr) 4-5:45 W, ClaOff B30, Morgan
8278. **RECENT RESEARCH IN TWO-YEAR COLLEGE ADMINISTRATION.** (1-3 cr [max 3]; prereq #) 4-5:45 M, HS 209, Hendrix, Morgan
8290. **FINANCING HIGHER EDUCATION.** (3 cr; prereq #) 4-5:45 T, ClaOff 27, Ammentorp
8340. **POLICY SYSTEMS IN EDUCATION.** (3 cr; prereq 8220, Δ) 4-5:45 Th, ClaOff 31, Ammentorp, Morris

### WINTER QUARTER 1978

5180. **SEMINAR: ADMINISTRATION OF SPECIAL EDUCATION.** (3 cr, §SpEd 8560, 8561) IX-X T
8202. **POLITICS OF EDUCATION.** (3 cr) 4-5:45 T
8212. **SCHOOL BUDGETING.** (3 cr; prereq 8220) IX-X Th
8216. **RECENT RESEARCH IN ELEMENTARY SCHOOL ADMINISTRATION.** (3 cr; prereq 8215) IX-X W
8230. **SCHOOL COMMUNITY RELATIONS.** (3 cr) IX-X W
8234. **SEMINAR: EDUCATIONAL FINANCE.** (3 cr; prereq 8210 or #) IX-X W
8238. **SEMINAR: THEORY AND RESEARCH.** (3 cr; prereq 8218, 8235, educ admin maj or #) IX-X M
8247. **SEMINAR: SCHOOL DISTRICT POLITICS.** (3 cr; prereq 8202) IX-X M
8253. **ADMINISTRATION IN HIGHER EDUCATION.** (3 cr; prereq Educ 8250) IX-X W
8264. **THE SECONDARY SCHOOL PRINCIPALSHIP.** (3 cr) I-II S
8265. **ADMINISTERING THE HIGH SCHOOL PROGRAM.** (3 cr) IX-X T
8275. **TWO-YEAR COLLEGE ADMINISTRATION.** (3 cr; prereq 8274 or #) IX-X T
8278. **RECENT RESEARCH IN TWO-YEAR COLLEGE ADMINISTRATION.** (1-3 cr [max 3]; prereq #) 4-5:45 M
8341. **ANALYSIS OF EDUCATIONAL POLICY SYSTEMS.** (3 cr; prereq 8340) IX-X Th

### SPRING QUARTER 1978

5140. **ADMINISTRATION OF EARLY EDUCATION PROGRAMS.** (3 cr; prereq #) IX-X W
5181. **SEMINAR: ADMINISTRATION OF SPECIAL EDUCATION.** (3 cr, §SpEd 8560, 8561) IX-X T
8201. **FORMAL ORGANIZATIONS IN EDUCATION.** (3 cr) IX-X M
8210. **ECONOMICS OF EDUCATION.** (3 cr) 4-5:45 M
8213. **FINANCIAL RESOURCE MANAGEMENT.** (3 cr; prereq 8212 or #) IX-X W
8214. **SCHOOL MANAGEMENT INFORMATION SYSTEMS.** (3 cr, §8222; prereq 8220, 8212) IX-X W
8217. **SEMINAR: ELEMENTARY SCHOOL ADMINISTRATION.** (3 cr; prereq 8216 or #) IX-X W
8225. **EDUCATIONAL POLICY AND THE LAW.** (3 cr; prereq 8224 or #) IX-X Th
8227. **PUBLIC SCHOOL PERSONNEL PROGRAMS.** (3 cr) 6:20-8:50 Th
8235. **SEMINAR: APPLIED HUMANISM IN ADMINISTRATIVE BEHAVIOR: THE MODERN PERSPECTIVE.** (3 cr; prereq 8218, educ admin maj or #) IX-X W
8236. **SEMINAR: EDUCATIONAL FACILITIES PLANNING.** (3 cr; prereq 8226 or #) IX-X Th
8238. **SEMINAR: THEORY AND RESEARCH.** (3 cr; prereq 8218, 8235, educ admin maj or #) IX-X M
8248. **SEMINAR: METROPOLITAN SCHOOL GOVERNANCE.** (3 cr; prereq 8202) IX-X T

8264. THE SECONDARY SCHOOL PRINCIPALSHIP. (3 cr) IX-X T
8276. SEMINAR: ADMINISTRATION OF CURRICULUM IN THE TWO-YEAR COLLEGE. (3 cr; prereq 8274) IX-X Th
8278. RECENT RESEARCH IN TWO-YEAR COLLEGE ADMINISTRATION. (1-3 cr [max 3]; prereq #) 4:00-5:45 M
8290. FINANCING HIGHER EDUCATION. (3 cr; prereq #) IX-X W
8340. POLICY SYSTEMS IN EDUCATION. (3 cr; prereq 8220, Δ) IX-X T

## EXTENSION CLASSES

### FALL QUARTER 1977

8201. FORMAL ORGANIZATIONS IN EDUCATION. (3 cr; \$85.50) 6:20-8:50 T, ClaOff 27, Popper

### WINTER QUARTER 1978

5128. WORKSHOP: EDUCATIONAL ADMINISTRATION. (1-6 cr; prereq practicing educational administrator or #; S-N grading optional; \$55.50) This offering for 3 credits will focus on educational writing for publication. 6:30-9 Th, ClaOff B30, Bailey

### SPRING QUARTER 1978

8218. SEMINAR: THE SOCIAL ORGANIZATION OF SCHOOLS. (3 cr; prereq educ admin maj or #; \$85.50) 6:20-8:50 T, ClaOff 27, Popper

## PHYSICAL EDUCATION, RECREATION, AND SCHOOL HEALTH EDUCATION

### Physical Education (PE)

#### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

5100. TEACHING PHYSICAL EDUCATION FOR THE HANDICAPPED. (3 cr; prereq #) 7-9 pm Th, CookeH 206, Cato
5121. CONTRIBUTIONS OF BASIC SCIENCE TO PHYSICAL EDUCATION. (3 cr; prereq #) 7-9 pm W, CookeH 214, Stoner
5122. APPLIED PHYSIOLOGY. (3 cr; prereq PubH 3386 or Phsl 3051 or equiv) 7-9 pm M, CookeH 214, Serfass
5126. ADVANCED PSYCHOLOGICAL AND SOCIOLOGICAL DIMENSIONS OF PHYSICAL ACTIVITY. (3 cr; prereq #) 7-9 pm Th, CookeH 214, Krotee
5150. TEACHING ELEMENTARY SCHOOL PHYSICAL EDUCATION. (3 cr; prereq tchg cert or #) IX-X W, CookeH 214, Plack
5151. CURRICULUM. (3 cr; prereq sr) 7-9 pm T, CookeH 214, Young
5389. PRACTICAL EXPERIENCE IN GRADED EXERCISE TESTING, PRESCRIPTION, AND DIRECTION. (3-6 cr [max 6], §PubH 5389; prereq 5388 or PubH 5388, #) Ar, Serfass
5980. RESEARCH METHODOLOGY. (3 cr, §Hlth 5980; prereq #) 4:15-5:30 TTh, CookeH 214, Shick

#### WINTER QUARTER 1978

5101. PHYSICAL EDUCATION ACTIVITIES FOR THE HANDICAPPED. (3 cr; prereq 5100 or SpEd 5101) IX-X M
5120. ADVANCED BIOMECHANICS/KINESIOLOGY. (4 cr; prereq undergrad kinesiology or #) IX-X TTh
5130. MOTOR LEARNING AND HUMAN PERFORMANCE. (3 cr; prereq 3113 or #) 7-9 pm M
5134. PERCEPTUAL-MOTOR DEVELOPMENT IN CHILDHOOD. (3 cr; prereq 3113 or #) IX-X T
5160. EVALUATION IN PHYSICAL EDUCATION. (3 cr; prereq 3150 or equiv) 7-9 pm W
5170. FOUNDATIONS OF PHYSICAL EDUCATION. (3 cr; prereq grad or MEd students) 7-9 pm Th

5255. INTRAMURALS-EXTRAMURALS. (4 cr) 7-9 pm T  
 8110. ADMINISTRATION: GENERAL PRINCIPLES AND PROCEDURES. (3 cr) 4-6 M  
 8980. RESEARCH PROBLEMS. (1 cr; S-N only; prereq 5980, PsyF 5110 or #) IX-X W

### SPRING QUARTER 1978

5102. PRACTICUM: PHYSICAL EDUCATION FOR THE HANDICAPPED. (3 cr; prereq 5101 or #) 7-9 pm M  
 5126. ADVANCED PSYCHOLOGICAL AND SOCIOLOGICAL DIMENSIONS OF PHYSICAL ACTIVITY. (3 cr; prereq #) IX-X W, CookeH 214, Krotee  
 5136. PSYCHOLOGY OF COACHING. (3 cr; prereq 3113 or #) 7-9 Th  
 5140. BIOMECHANICS OF SPORT SAFETY. (3 cr; prereq undergrad kinesiology) IX-X M  
 5162. PRACTICUM: CONSTRUCTION OF WRITTEN TESTS. (3-6 cr, §H1th 5160; prereq PsyF 5120 or #) IX-X T  
 5695. PRACTICUM: INTRAMURALS-EXTRAMURALS. (3-5 cr; prereq 5255) IX-X Th  
 5985. APPLICATION OF RESEARCH. (3 cr) 7-9 pm W  
 8330. SEMINAR: MOTOR LEARNING AND HUMAN PERFORMANCE. (3-9 cr [max 9]; prereq 5130 or #) 7-9 pm T  
 8980. RESEARCH PROBLEMS. (1 cr; S-N only; prereq 5980, PsyF 5110 or #) IX-X Th

## EXTENSION CLASSES

### FALL QUARTER 1977

5181. WORKSHOP: DYNAMICS OF THERAPEUTIC DANCE/MOVEMENT. (1-3 cr [max 9]; prereq 3181 or #; limited to 14 students; all registration is by mail at least 2 weeks in advance of class; \$18.50 and \$10 special fee) This offering for 1 credit. Special term: Oct. 13, 14, 15. Section 1: 1-4 ThFSa, Norris H 68, Santangelo; Section 2: 6-9 ThFSa, NorrisH 68, Santangelo  
 5710. WORKSHOP: PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL CHILD. (1-12 cr [max 12]; \$55.50) This offering for 3 credits. 4-6 W and 1 addtl hour ar, Creek Valley Elementary School, Edina, Lampe

### WINTER QUARTER 1978

3181. DANCE THERAPY. (2 cr; limited to 25 students; \$35) 6-8 T, NorrisH 68, Jette  
 5181. WORKSHOP: DYNAMICS OF THERAPEUTIC DANCE/MOVEMENT. (1-3 cr [max 9]; prereq 3181 or #; limited to 14 students; all registration is by mail at least 2 weeks in advance of the class; \$18.50 and \$10 special fee) This offering for 1 credit. Special term: Jan 26, 27, 28. Section 3, 1-4 ThFSa, NorrisH 68, Santangelo; Section 4, 6-9 ThFSa, NorrisH 68, Santangelo

### SPRING QUARTER 1978

5181. WORKSHOP: DYNAMICS OF THERAPEUTIC DANCE/MOVEMENT. (1-3 cr [max 9]; prereq 3181 or #; limited to 14 students; all registration is by mail at least 2 weeks in advance of the class; \$18.50 and \$10 special fee) This offering for 1 credit. Special term: April 27, 28, 29. Section 5, 1-4 ThFSa, NorrisH 68, Santangelo; Section 6, 6-9 ThFSa, NorrisH 68, Santangelo  
 5620. PRACTICUM: PREVENTION AND CARE OF ATHLETIC INJURIES. (3 cr; prereq Anat 1027 or equiv; limited to 35 students; \$55.50 and \$5 course fee) 7-9:30 T, BFAB 125, Marshall

## Recreation and Park Administration (Rec)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

5100. FOUNDATIONS OF RECREATION. (3 cr, §8120; prereq MEd, adult special or grad) IX-X M, CookeH 215, McAvoy

#### WINTER QUARTER 1978

8980. RESEARCH PROBLEMS. (1 cr; S-N only; prereq 5980, PsyF 5110 or #) IX-X W



## SPRING QUARTER 1978

5230. RECREATION AND MENTAL RETARDATION. (3 cr; prereq 5210, 5220, or #) IX-X M

8980. RESEARCH PROBLEMS (1 cr; S-N only; prereq 5980, PsyF 5110 or #) IX-X Th

## EXTENSION CLASSES

### FALL QUARTER 1977

5900. WORKSHOP: CONTEMPORARY ISSUES IN LEISURE SERVICES. (1-12 cr [max 12]; prereq  $\Delta$ ; limited to 25 students; \$55.50 and \$5 lab fee) This offering for 3 credits will focus on programming in outdoor education. Special term: Oct 7 and 14, 6-10 pm; Oct 8 and 15, 8 am-6 pm; Nov 10, 7-10 pm; Belwin Outdoor Education Lab, 1553 Stagecoach Trail, South Afton (436-5243), Staff

### WINTER QUARTER 1978

5300. FOUNDATIONS OF OUTDOOR EDUCATION. (3 cr; prereq, 1520 or 5100 or #: limited to 30 students; \$55.50) 7-9:30 T, CH 214, Staff

### SPRING QUARTER 1978

5900. WORKSHOP: CONTEMPORARY ISSUES IN LEISURE SERVICES. (1-12 cr [max 12]; prereq  $\Delta$ ; limited to 25 students; \$55.50 and \$5 lab fee) This offering for 3 credits will focus on programming in outdoor education. 5:30-8 W, Dodge Nature Center, 1797 Charlton, West St. Paul (455-4531), Staff

## School Health Education (Hlth)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

5150. FAMILY LIFE AND SEX EDUCATION IN SECONDARY SCHOOLS. (3 cr; prereq FSoS 5001 or #) IX-X M, NorrisH 3, Cobb, 1 hr ar

5685. SCHOOL-BASED PROJECTS IN SCHOOL HEALTH EDUCATION. (1-12 cr [max 12]; prereq #) Ar, McCabe

5980. INTRODUCTION TO RESEARCH. (3 cr, \$PE 5980; prereq #) 4:15-5:30 TTh, CookeH 214, Shick

#### WINTER QUARTER 1978

5402. DEATH EDUCATION IN CONTEMPORARY SOCIETY. (3 cr, \$PubH 5040, \$Mort 5040; prereq educ sr or cert tchr, hlth sci major or school or public hlth nurse or mort sci major or #) IX-X M

5685. SCHOOL-BASED PROJECTS IN SCHOOL HEALTH EDUCATION. (1-12 cr [max 12]; prereq #)

5980. INTRODUCTION TO RESEARCH. (3 cr, \$PE 5980; prereq #) 4:15-5:30 TTh

8980. RESEARCH PROBLEMS. (1 cr; prereq 5980, Psy 5110 or #: S-N only) IX-X W

#### SPRING QUARTER 1978

5140. ADMINISTRATION OF THE SCHOOL HEALTH PROGRAM. (3 cr) IX-X M

5160. PRACTICUM: CONSTRUCTION OF WRITTEN TESTS. (3-6 cr, \$PE 5162; prereq PsyF 5120) IX-X T

5350. FAMILY LIFE AND SEX EDUCATION IN ELEMENTARY SCHOOLS. (3 cr) IX-X W

5685. SCHOOL-BASED PROJECTS IN SCHOOL HEALTH EDUCATION. (1-12 cr [max 12]; prereq #)

8980. RESEARCH PROBLEMS. (1 cr; prereq 5980, Psy 5110 or #: S-N only) IX-X Th

## EXTENSION CLASSES

### FALL QUARTER 1977

5100. DRIVER EDUCATION I. (4 cr; limited to 32 students; \$74 and \$12 special fee) 7-10 W, Richfield HS 116, Lewis

## WINTER QUARTER 1978

5101. DRIVER EDUCATION II. (4 cr; prereq 5100; limited to 32 students; \$74 and \$12 special fee) 7-10 W, Richfield HS 116, Lewis

## SPRING QUARTER 1978

5130. SAFETY EDUCATION. (4 cr; prereq sr; limited to 32 students; \$74) 7-10 T, NorrisH 201, Thissen

5602. THE DRIVER SIMULATOR. (4 cr; prereq 5100; limited to 19 students; \$74 and \$12 special fee) 7-10 W, Richfield HS 116, Lewis

# PSYCHOEDUCATIONAL STUDIES

## Counseling and Student Personnel Psychology (CSPP)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

5101. FOUNDATIONS OF CAREER DEVELOPMENT. (3 cr) 4:15-6:30 W, Bu 125, Hansen

5130. INTRODUCTION TO GUIDANCE. (3 cr) 4:15-7 T, Bu 125, Tennyson

8541. COLLEGE STUDENT PERSONNEL WORK: HOUSING. (2 cr; prereq 8140) VIII-IX T, MorH 12, Zander

#### WINTER QUARTER 1978

5120. CLINICAL USE OF TESTS IN PSYCHOLOGICAL SERVICES. (3 cr; prereq PsyF 5110 or Psy 3801, PsyF 5121 or Psy 5862 or #) VIII-IX TF

5331. CAREER DEVELOPMENT: PRINCIPLES AND PRACTICE I. (3 cr) IX-X T

8542. COLLEGE STUDENT PERSONNEL WORK: STUDENT ACTIVITIES. (2 cr; prereq 8140) VIII-IX T

#### SPRING QUARTER 1978

5110. COUNSELING PROCEDURES. (3 cr) 3:30-6 Th

5130. INTRODUCTION TO GUIDANCE. (3 cr) 4:15-7 T

5332. CAREER DEVELOPMENT: PRINCIPLES AND PRACTICE II. (3 cr) 3:15-5:30 T

5505. CROSS-CULTURAL COUNSELING. (3 cr; prereq #) IX-XI M

8543. COLLEGE STUDENT PERSONNEL WORK: DISCIPLINE AND ADMINISTRATION. (2 cr; prereq 8140) VIII-IX T

## EXTENSION CLASSES

#### FALL QUARTER 1977

5110. COUNSELING PROCEDURES. (3 cr; limited to 35 students; \$55.50) 7-9:30 T, Bu 125, Shaffer

5130. INTRODUCTION TO GUIDANCE. (3 cr; \$55.50) 6-8:30 W, Bu 120, Tennyson

#### WINTER QUARTER 1978

5110. COUNSELING PROCEDURES. (3 cr; limited to 35 students; \$55.50) 7-9:30 M, Bu 125, Shaffer

#### SPRING QUARTER 1978

5110. COUNSELING PROCEDURES. (3 cr; limited to 30 students; \$55.50) 7-9:30 M, Richfield HS 241, Shaffer

## Psychology in the Schools Training Program (SchP)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

5100. SCHOOL PSYCHOLOGICAL SERVICES. (3 cr, \$8100) IX-X MW, EltH N508, Ysseldyke  
5650. PRACTICUM: PSYCHOLOGICAL EDUCATION. (1-3 cr [max 9]; prereq #) IX-X T, EltH N508, Sprinthall  
8512. NEW APPROACHES TO PSYCHOPATHOLOGY IN CHILDREN AND ADOLESCENTS. (3 cr) IX-X MW, EltH N506, Egeland  
8520. SEMINAR: RESEARCH IN SCHOOL PSYCHOLOGY. (1 cr [total of 3]; prereq #) IX-X Th, EltHN508, Egeland

#### WINTER QUARTER 1978

8312. PERSONALITY APPRAISAL IN CHILDREN AND ADOLESCENTS. (5 cr; prereq #) IX-X TTh  
8514. THEORIES AND METHODS OF INTERVENTION: GROUPS. (3 cr; prereq 8312, PsyF 5170, or Psy 5201) IX-X MW

#### SPRING QUARTER 1978

5550. SEMINAR: PSYCHOLOGICAL EDUCATION. (3 cr [max 9]; prereq #) 7:30-9:30 pm T  
8513. THEORIES AND METHODS OF INTERVENTION: INDIVIDUALS. (3 cr; prereq 8310, 8311, 8312, 8600 or 18600) IX-X MW  
8520. SEMINAR: RESEARCH IN SCHOOL PSYCHOLOGY. (1 cr [total of 3]; prereq #) IX-X Th

### EXTENSION CLASSES

#### WINTER QUARTER 1978

5100. SCHOOL PSYCHOLOGICAL SERVICES. (3 cr; \$55.50) 7-9:30 W, Sandburg JHS 214, Golden Valley, Ysseldyke

#### SPRING QUARTER 1978

5550. SEMINAR: PSYCHOLOGICAL EDUCATION. (3 cr per qtr [max 9]; prereq 15650 and #; \$55.50) This offering for 3 credits. 6-8:30 W, EltH N508, Erickson

## Special Education (SpEd)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

5100. CHILDHOOD LANGUAGE DEVELOPMENT: CLASSROOM IMPLICATIONS. (3 cr) IX-X W, Pt 214, Moores  
5101. EDUCATION OF EXCEPTIONAL CHILDREN. (4 cr) IX-X TTh, Arch 105, Stuecher, others  
5107. MAINSTREAMING: ISSUES IN INDIVIDUALIZING INSTRUCTION. (3-5 cr) IX-X W, Pt 111, Reynolds, others  
5110. DIAGNOSIS AND REMEDIATION OF LEARNING DISABILITY I. (3 cr; prereq #) 4-8 T, Pt 215, V Bruininks, others  
5120. INTRODUCTION TO MENTAL RETARDATION. (4 cr, \$CPsy 5315; prereq 5101) IX-X TTh, Bu 120, Warfield  
5130. EDUCATION OF CRIPPLED CHILDREN. (3 cr; prereq 5101 or #) IX-X MW, FolH 105, Force  
5140. PSYCHOSOCIAL AND EDUCATIONAL ASPECTS OF DEAFNESS. (3 cr) IX-X Th, Pt 215, Moores  
5160. SUPERVISION AND ADMINISTRATION OF SPECIAL EDUCATION. (3 cr, \$EdAd 5103; prereq #) 4-5:45 Th, ClaOff B36, St Paul Campus, Weatherman, Wolf  
5170. INTRODUCTION TO EDUCATION OF VISUALLY HANDICAPPED CHILDREN. (3 cr; prereq #) II-V S, Pt 102, Martin

5180. **EDUCATION OF DISADVANTAGED.** (3 cr; prereq 12 cr psy, ed psy or soc) IX-X MW, Pt 215
5304. **BEHAVIORAL PROCEDURES WITH SEVERELY AND PROFOUNDLY HANDICAPPED STUDENTS.** (4 cr, §5301; PsyF 5149 or Psy 5017 recommended) 4-7 M, Pt 111, Deno
8150. **ADVANCED COURSE: EDUCATION OF EMOTIONALLY DISTURBED AND SOCIALLY MALADJUSTED CHILDREN.** (3 cr; prereq #) IX-X W, PeikH 225, McCauley

### WINTER QUARTER 1978

5100. **CHILDHOOD LANGUAGE DEVELOPMENT: CLASSROOM IMPLICATIONS.** (3 cr) IX-X T
5105. **IMPLEMENTING COURT DECISIONS ON EDUCATION OF THE HANDICAPPED.** (2-4 cr) IX-X MW
5107. **MAINSTREAMING: ISSUES IN INDIVIDUALIZING INSTRUCTION.** (3-5 cr) IX-X W
5110. **DIAGNOSIS AND REMEDIATION OF LEARNING DISABILITY I.** (3 cr; prereq #) 4-8 Th
5111. **DIAGNOSIS AND REMEDIATION OF LEARNING DISABILITY II.** (3 cr; prereq 5110, ¶5611, #) 4-8 T
5123. **METHODS AND MATERIALS FOR SEVERELY RETARDED PRESCHOOL AND SCHOOL-AGE PUPILS.** (4 cr; prereq 5101) IX-X TTh
5124. **BIOMEDICAL ASPECTS OF DEVELOPMENTAL DISABILITIES.** (Cr ar [max 4]; prereq #) 5:15-8:15 W
5131. **EDUCATIONAL PROBLEMS OF THE NEUROLOGICALLY IMPAIRED.** (3 cr; prereq 5101 or #) IX-X TTh
5150. **EDUCATION OF EMOTIONALLY DISTURBED AND SOCIALLY MALADJUSTED CHILDREN.** (3 cr; prereq grad or #) IX-X TTh
5175. **STRUCTURE AND FUNCTION OF THE EYE: EDUCATIONAL IMPLICATIONS.** (3 cr; prereq #) II-V S, Pt 102
5190. **OUTSTANDING ABILITIES AND THE EDUCATIONAL PROCESS.** (3 cr) IX-X T
5303. **BEHAVIORAL PROCEDURES WITH MILDLY AND MODERATELY HANDICAPPED STUDENTS.** (4 cr, §5301; prereq PsyF 5149 or Psy 5017 recommended) 4-7 M, Pt 102
8121. **FUNCTIONAL ANALYSIS OF BEHAVIOR: MENTAL RETARDATES.** (3 cr; prereq 8120) VIII-IX TTh
8301. **SEMINAR: OPERANT RESEARCH IN SPECIAL EDUCATION.** (Cr ar [max 4]) IX-X W
8560. **SEMINAR: ADMINISTRATION OF SPECIAL EDUCATION.** (3 cr, §EdAd 5180, 5181) IX-X T

### SPRING QUARTER 1978

5100. **CHILDHOOD LANGUAGE DEVELOPMENT: CLASSROOM IMPLICATIONS.** (3 cr) IX-X T
5101. **EDUCATION OF EXCEPTIONAL CHILDREN.** (4 cr) IX-X MW
5104. **SOCIAL AND VOCATIONAL DEVELOPMENT OF HANDICAPPED STUDENTS.** (Cr ar [max 4]; prereq #) IX-X TTh
5107. **MAINSTREAMING: ISSUES IN INDIVIDUALIZING INSTRUCTION.** (3-5 cr) IX-X W
5111. **DIAGNOSIS AND REMEDIATION OF LEARNING DISABILITY II.** (3 cr; prereq #) 4-8 Th
5112. **EDUCATION OF LEARNING-DISABLED CHILDREN.** (3 cr) IX-X MW
5125. **EDUCATION OF SEVERELY HANDICAPPED INFANTS AND PRESCHOOL CHILDREN.** (4 cr; prereq 5101 or 5120 or #) IX-X MW
5150. **EDUCATION OF EMOTIONALLY DISTURBED AND SOCIALLY MALADJUSTED CHILDREN.** (3 cr; prereq grad or #) IX-X MW
5155. **PSYCHOEDUCATIONAL INTERVENTIONS: PSYCHOTIC CHILDREN.** (3 cr; prereq 12 cr psy, child psy or special ed) IX-X TTh
5171. **BRAILLE I.** (3 cr; prereq 5170 or #) II-V S, Pt 102
8561. **SEMINAR: ADMINISTRATION OF SPECIAL EDUCATION.** (3 cr, §EdAd 5180, 5181) IX-X T

## EXTENSION CLASSES

### FALL QUARTER 1977

5101. **EDUCATION OF EXCEPTIONAL CHILDREN.** (4 cr; limited to 35 students, \$74) 6:20-8:50 W, Pt 102, Reid
5105. **IMPLEMENTING COURT DECISIONS ON EDUCATION OF THE HANDICAPPED.** (2-4 cr; limited to 40 students; \$37, \$55.50, or \$74) 6-8:30 T, CD 216, Balow

## WINTER QUARTER 1978

5101. **EDUCATION OF EXCEPTIONAL CHILDREN.** (4 cr; limited to 35 students; \$74) 7-9:30 W, Irondale HS 123, New Brighton, Reid
5112. **EDUCATION OF LEARNING-DISABLED CHILDREN.** (3 cr; limited to 35 students; \$55.50) 6:20-8:50 T, Pt 102, Balow
5120. **INTRODUCTION TO MENTAL RETARDATION.** (4 cr, §CPsy 5315; prereq 5101; limited to 30 students; \$74) 7-9:30 W, Richfield HS 242, Warfield
5155. **PSYCHOEDUCATIONAL INTERVENTIONS: PSYCHOTIC CHILDREN.** (3 cr; prereq 12 cr in psy, child psy, or special ed; limited to 35 students; \$55.50) 6:20-8:50 W, Pt 102, Stuecher

## SPRING QUARTER 1978

5120. **INTRODUCTION TO MENTAL RETARDATION.** (4 cr, §CPsy 5315; prereq 5101; \$74) 6:20-8:50 Th, Pt 215, Warfield
5302. **WORKSHOP: SPECIAL EDUCATION.** (Cr ar; prereq #: limited to 30 students; \$37) This offering for 2 credits will focus on practical applications of methods to improve productive motor responses in young mentally retarded children. 7-9:30 Th, Pt 102, Rynders
5303. **BEHAVIORAL PROCEDURES WITH MILDLY AND MODERATELY HANDICAPPED STUDENTS.** (4 cr, §5301; PsyF 5149 or Psy 5017 recommended; limited to 35 students; \$74) 7-9:30 M, Richfield HS 249-250, Deno

# SOCIAL, PSYCHOLOGICAL, AND PHILOSOPHICAL FOUNDATIONS OF EDUCATION

## Psychological Foundations (PsyF)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

5120. **EDUCATIONAL MEASUREMENT IN THE CLASSROOM.** (4 cr) 4:15-5:30 MW CD 216, Merwin
5148. **PSYCHOLOGY AND PEDAGOGY: READING.** (3 cr) 6:30-8:30 Th, Bu 123, Samuels
5162. **PERSONALITY AND SOCIAL DEVELOPMENT.** (3 cr; prereq 5 cr intro psy) 4:15-5:45 TTh, CD 218, Rest
5170. **SOCIAL PSYCHOLOGY OF EDUCATION.** (4 cr) IX-XI T, Bu 120, Johnson
5176. **PSYCHOLOGY OF DRUG ABUSE.** (3 cr) 6-9 W, Bu 123, Norem-Hebeisen
5182. **PSYCHOLOGY OF STUDENT LEARNING.** (3 cr) 4:30-6:30 T, WuH 130, Edwall
5305. **WORKSHOP IN HUMAN RELATIONS.** (1-6 cr [max 6], §CSPP 5305, §Educ 5305; S-N only) 4:30-9:30 M, Arch 30, Aneshensel
8571. **PSYCHOLOGY OF CONFLICT RESOLUTION.** (4 cr; prereq 5170 or equiv) IX-XI Th, Bu 123, Johnson

#### WINTER QUARTER 1978

5120. **EDUCATIONAL MEASUREMENT IN THE CLASSROOM.** (4 cr) IX-X MW
5172. **STRUCTURING LEARNING: SOCIAL PSYCHOLOGICAL APPROACHES.** (3 cr) 8-6 three consecutive S.
8548. **PSYCHOLOGICAL ANALYSIS OF VERBAL LEARNING AND READING.** (3 cr; prereq 5148 or intro course in learning or #) 3:15-5:15 Th
8562. **PERSONALITY DEVELOPMENT AND SOCIALIZATION.** (3 cr; prereq one grad course in personality or child psy) 3:15-4:30 MW
8572. **ORGANIZATIONAL DEVELOPMENT AND CHANGE.** (4 cr; prereq 5170) 4:15-7:15 T

#### SPRING QUARTER 1978

5120. **EDUCATIONAL MEASUREMENT IN THE CLASSROOM.** (4 cr) IX-X MW
5162. **PERSONALITY AND SOCIAL DEVELOPMENT.** (3 cr; prereq 5 cr intro psy) 6:20-8:50 M
5176. **PSYCHOLOGY OF DRUG ABUSE.** (3 cr) 6-9 W

- 5305. WORKSHOP IN HUMAN RELATIONS.** (1-6 cr [max 6], §CSPP 5305, §Educ 5305; S-N only) 4:30-9:30 M
- 8565. DEVELOPMENT OF MORAL-POLITICAL JUDGMENT AND PROGRAMS IN VALUE EDUCATION.** (2-4 cr; prereq #) 3:15-4:30 MW

## EXTENSION CLASSES

### FALL QUARTER 1977

- 5110. INTRODUCTORY STATISTICAL METHODS.** (3 cr; \$55.50) 6:20-8:50 Th, Arch 50, Terwilliger
- 5148. PSYCHOLOGY AND PEDAGOGY OF READING.** (3 cr; a joint day/extension class limited to 15 extension students; \$55.50) 6:30-8:30 Th, Bu 123, Samuels
- 5162. PERSONALITY AND SOCIAL DEVELOPMENT.** (3 cr; prereq 5 cr intro psy; a joint day/extension class; \$55.50) 4:15-5:45 TTh CD 218, Rest
- 5170. SOCIAL PSYCHOLOGY OF EDUCATION.** (4 cr; a joint day/extension class; \$74) 4:15-7:15 T, WuH 230, D Johnson
- 5176. PSYCHOLOGY OF DRUG ABUSE.** (3 cr; a joint day/extension class; \$55.50) 6-9 W, Bu 123, Norem-Hebeisen
- 5182. PSYCHOLOGY OF STUDENT LEARNING.** (3 cr; a joint day/extension class; \$55.50) 4:30-6:30 T, WuH 130
- 5183. ADULT LEARNING AND EDUCATIONAL PRACTICE.** (4 cr; \$74) 6-9 W, Pt 214, P Johnson
- 5305. WORKSHOP IN HUMAN RELATIONS.** (1-6 cr [max 6], §CSPP 5305, §Educ 5305; S-N only; \$111 and \$12 special fee) This offering for 6 credits is approved to meet the State Department of Education Educ 521 requirement for relicensure. 4:30-9:30 M, Arch 60, Aneshensel
- 5900. DIRECTED STUDY: NEW THEORIES OF COMPREHENSION AND THEIR APPLICATION FOR IMPROVING THE TEACHING OF READING.** (Cr ar; prereq #: \$18.50) This offering for 1 credit. Section 1: Fri, Oct 7, 6-8, Bu 120 and Sat, Oct 8, 10-4, Bu 123, Samuels; Section 2: Fri, Nov 18, 6-8, Bu 120 and Sat, Nov 19, 10-4, Bu 123, Samuels

### WINTER QUARTER 1978

- 5110. INTRODUCTORY STATISTICAL METHODS.** (3 cr; \$55.50) 6:20-8:50 W, Bu 120, Stecklein
- 5153. INTRODUCTION TO THE PSYCHOLOGY OF INSTRUCTION.** (3 cr; \$55.50) 6:20-8:50 T, FolH 105, Burris
- 5900. DIRECTED STUDY: DYNAMICS OF SOCIAL CONFLICT.** (Cr ar; prereq #: \$55.50) This offering for 3 credits. 6-8:30 W, Pt 214, Aneshensel
- 5900. DIRECTED STUDY: PREVENTION APPROACHES TO SUBSTANCE ABUSE.** (Cr ar; prereq #: \$55.50) This offering for 3 credits. 6-9 W, Bu 123, Norem-Hebeisen
- 5900. DIRECTED STUDY: ISSUES IN BEHAVIORAL DEVIANCE.** (Cr ar; prereq #: \$74) This offering for 4 credits. 6-9:20 M, Pt 214, Aneshensel

### SPRING QUARTER 1978

- 5120. EDUCATIONAL MEASUREMENT IN THE CLASSROOM.** (4 cr; \$74) 6:20-8:50 Th, Bu 123, Terwilliger
- 5162. PERSONALITY AND SOCIAL DEVELOPMENT.** (3 cr; prereq 5 cr intro psy; a joint day/extension class; \$55.50) 6:20-8:50 M, Pt 214, Rest
- 5176. PSYCHOLOGY OF DRUG ABUSE.** (3 cr; a joint day/extension class; \$55.50) 6-9 W, Bu 123, Norem-Hebeisen
- 5305. WORKSHOP IN HUMAN RELATIONS.** (1-6 cr [max 6], §CSPP 5305, §Educ 5305; S-N only; \$111 and \$12 special fee) This offering for 6 credits is approved to meet the State Department of Education Educ 521 requirement for relicensure. 4:30-9:30 M, Arch 60, Aneshensel

## Social and Philosophical Foundations of Education (HEd)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

- 5141. CRITICAL ISSUES IN CONTEMPORARY EDUCATION.** (3 cr) IX-X W, ElrH N 119, Beck
- 5155. HISTORY OF WESTERN EDUCATIONAL THOUGHT.** (3 cr) IX-X T, CD 216, Bagley

**5172. ANTHROPOLOGY OF AMERICAN EDUCATION.** (3 cr; S-N optional; prereq 5171 or Anth 1002 or 1502 or 5145 or ¶5145 or #) IX-X W, Arch 30, Dobbert

**5190. SOCIOLOGY OF EDUCATION.** (4 cr, §Soc 5953) IX-X T, BlegH 250

**5209. EDUCATION IN FUTURE SOCIAL SYSTEMS.** (3 cr, §5212) IX-X M, Arch 15, Harkins

### **WINTER QUARTER 1978**

**5101. HISTORICAL FOUNDATIONS OF MODERN EDUCATION.** (3 cr) IX-X T

**5131. COMPARATIVE EDUCATION.** (3 cr) IX-X W

**5175. INTRODUCTION TO SYSTEMS THEORY IN SOCIAL SCIENCE AND EDUCATION.** (3 cr) IX-X T

**5180. INTRODUCTION TO THE ECONOMICS OF EDUCATION.** (4 cr) 4:15-7 W

**5192. SOCIOLOGY OF HIGHER EDUCATION.** (4 cr, §Soc 5958; prereq intro stat or #) IX-X Th

**8255. SEMINAR: EUROPEAN AND AMERICAN EDUCATIONAL THOUGHT: 16TH AND 17TH CENTURIES.** (3 cr; prereq 5155 or ¶5155 or #) IX-X M

### **SPRING QUARTER 1978**

**5156. HISTORY OF IDEAS IN AMERICAN EDUCATION.** (3 cr) IX-X T

**5211. SOCIAL DESIGN AND EDUCATIONAL FUTURES.** (3 cr) IX-X M

**8256. SEMINAR: EUROPEAN AND AMERICAN EDUCATIONAL THOUGHT: 17TH CENTURY.** (3 cr; prereq 5155 or 8255 or #) IX-X M

## **VOCATIONAL AND TECHNICAL EDUCATION**

### **Agricultural Education (AgEd)**

#### **LATE AFTERNOON AND SATURDAY MORNING CLASSES**

#### **FALL QUARTER 1977**

**5021. EDUCATION THROUGH EXTENSION METHODS.** (3 cr; prereq grad or #) 4-6:30 Th, ClaOff 143, Norenberg

**5026. ADMINISTRATION OF EXTENSION SERVICES.** (3 cr; prereq #) 4-6:30 T, ClaOff 143, Borich

**8010. CURRENT ISSUES IN AGRICULTURAL EDUCATION.** (Cr ar; prereq #) 4-5:45 M, ClaOff 143, Marvin

#### **WINTER QUARTER 1978**

**5025. EXTENSION PROGRAM DEVELOPMENT.** (3 cr) 4-6:30 Th

**8001. RESEARCH IN AGRICULTURAL EDUCATION.** (Cr ar; prereq 15 cr educ) IX-X W Ar

**8020. SEMINAR: AGRICULTURAL EDUCATION.** (Cr ar) IX-X T

#### **SPRING QUARTER 1978**

**5021. EDUCATION THROUGH EXTENSION METHODS.** (3 cr; prereq grad or #) 4-6:30 Th, ClaOff 143, Norenberg

**8303. SEMINAR: GRADUATE STUDIES REVIEW.** (1-3 cr) IX-X M

### **Business Education (BsEd)**

#### **LATE AFTERNOON AND SATURDAY MORNING CLASSES**

#### **FALL QUARTER 1977**

**5107. MATERIALS AND METHODS IN OFFICE EDUCATION.** (3 cr) 4:15-6:30 W, PeikH 255, Lambrecht

**5108. CURRICULUM CONSTRUCTION IN BUSINESS EDUCATION.** (3 cr) 4:15-6:30 M, Jones 2, Hopkins

**5114. OFFICE OCCUPATIONAL EXPERIENCE.** (1-18 cr; S-N optional; prereq #) 7-9 pm M, PeikH 255, addtl hrs ar

5115. RESEARCH PROCEDURES IN BUSINESS EDUCATION. (3 cr; prereq #) 4:15-6:30 Th, PeikH 255, McLean
5116. SCHOOL-BASED PROJECTS IN BUSINESS EDUCATION. (1-12 cr [max 12]; prereq #) Hopkins, Lambrecht, McLean
5130. BUSINESS AND DISTRIBUTIVE PROGRAMS FOR ADULTS. (3 cr, §DE 5120) 4-6:30 T, PeikH 245

### WINTER QUARTER 1978

5111. MATERIALS AND METHODS FOR A SIMULATED OFFICE COURSE. (3 cr) 5:15-7:30 Th
5114. OFFICE OCCUPATIONAL EXPERIENCE. (1-18 cr; S-N optional; prereq #) 7-9 pm M, PeikH 255, addtl hrs ar
5116. SCHOOL-BASED PROJECTS IN BUSINESS EDUCATION. (1-12 cr [max 12]; prereq #) 4:15-6:30 W
5121. OFFICE MANAGEMENT TECHNIQUES AND TECHNOLOGY. (3 cr) 5:15-7:30 M
5125. POSTSECONDARY BUSINESS AND DISTRIBUTIVE EDUCATION. (3 cr, §DE 5115) 4-6:30 T

### SPRING QUARTER 1978

5100. RESEARCH AND METHODS IN TEACHING ACCOUNTING AND BUSINESS DATA PROCESSING. (3 cr) 9-11:15 S
5102. TEACHING THE BASIC BUSINESS SUBJECTS. (3 cr) 4:15-6:30 T
5114. OFFICE OCCUPATIONAL EXPERIENCE. (1-18 cr; S-N optional; prereq #) 7-9 pm M, PeikH 255, addtl hrs ar
5116. SCHOOL-BASED PROJECTS IN BUSINESS EDUCATION. (1-12 cr [max 12]; prereq #) 4:15-6:30 W
5118. RESEARCH AND METHODS IN TEACHING TYPEWRITING. (3 cr) 5:15-7:30 Th
5340. BUSINESS AND DISTRIBUTIVE EDUCATION STUDENT ORGANIZATIONS. (3 cr, §DE 5340) 4-6:30 M

## Distributive Education (DE)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

5110. CURRICULUM IN COOPERATIVE VOCATIONAL EDUCATION. (2 cr) 4-5:30 W, PeikH 245
5111. CURRICULUM IN COOPERATIVE DISTRIBUTIVE EDUCATION. (2 cr; prereq 5110 or #5110) 5:45-6:30 W, PeikH 245
5120. BUSINESS AND DISTRIBUTIVE PROGRAMS FOR ADULTS. (3 cr, §BsEd 5130) 4-6:30 T, PeikH 245, Ashmun
5600. SCHOOL-BASED PROJECTS IN DISTRIBUTIVE EDUCATION. (1-12 cr [max 12]; prereq Δ) Ashmun, Klaurens
5900. DIRECTED STUDY: DISTRIBUTIVE EDUCATION. (1-6 cr [max 6]; S-N optional; prereq Δ) Section 1: 5:15-6:30 M, PeikH 245, Klaurens; Section 2: Ar, Ashmun, Klaurens

#### WINTER QUARTER 1978

5105. COORDINATION TECHNIQUES. (2 cr) 4-5:30 W
5106. COORDINATION TECHNIQUES IN COOPERATIVE DISTRIBUTIVE EDUCATION. (2 cr; prereq 5105 or #5105) 5:45-6:30 W
5115. POSTSECONDARY BUSINESS AND DISTRIBUTIVE EDUCATION. (3 cr, §BsEd 5125) 4-6:30 T
5600. SCHOOL-BASED PROJECTS IN DISTRIBUTIVE EDUCATION. (1-12 cr [max 12]; prereq Δ)
5900. DIRECTED STUDY: DISTRIBUTIVE EDUCATION. (1-6 cr [max 6]; S-N optional; prereq Δ) 5:30-7 M

#### SPRING QUARTER 1978

5100. ORGANIZATION AND ADMINISTRATION OF DISTRIBUTIVE EDUCATION. (3 cr) 4-6:30 W
5300. MATERIALS AND METHODS IN COOPERATIVE VOCATIONAL EDUCATION. (2 cr) 4-5:30 T
5301. MATERIALS AND METHODS IN COOPERATIVE DISTRIBUTIVE EDUCATION. (2 cr; prereq 5300 or #5300) 5:45-6:30 T
5340. BUSINESS AND DISTRIBUTIVE EDUCATION STUDENT ORGANIZATIONS. (3 cr, §BsEd 5340) 4-6:30 M
5400. PROGRAM DEVELOPMENTS IN DISTRIBUTIVE EDUCATION. (1-12 cr [max 12]; prereq #) 4-6:30 T



5600. SCHOOL-BASED PROJECTS IN DISTRIBUTIVE EDUCATION. (1-12 cr [max 12]; prereq Δ)  
5900. DIRECTED STUDY: DISTRIBUTIVE EDUCATION. (1-6 cr [max 6]; S-N optional; prereq Δ) 5:30-7 M

## Home Economics Education (HEEd)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

5111. CURRICULUM IN HOME ECONOMICS OCCUPATIONAL EDUCATION. (2 cr; prereq DE 5110 or †DE 5110)  
5:45-6:30 T, Pt 111, Whiteford  
5320. ADULT EDUCATION IN HOME ECONOMICS. (3 cr; prereq 3315 or #) 4-5:45 M, ClaOff 27, McFadden  
5420. WORKSHOP: ADULT EDUCATION. (3 or 4 cr [max 12]; prereq Δ) 9-10:45 MTWTh, PalmC 12  
5500. PROSEMINAR: HOME ECONOMICS EDUCATION. (2 cr; required of new grad students) 4-5:45 T, ClaOff  
31, Brown

#### WINTER QUARTER 1978

5106. COORDINATION TECHNIQUES IN HOME ECONOMICS OCCUPATIONAL EDUCATION. (2 cr; prereq DE  
5105 or †DE 5105) 5:45-6:30 W  
5301. MATERIALS AND METHODS IN HOME ECONOMICS OCCUPATIONAL EDUCATION. (2 cr; prereq DE  
5300 or †DE 5300) 5:45-6:30 M  
5310. METHOD IN TEACHING HOME ECONOMICS: THEORY AND TECHNOLOGY. (3 cr; prereq 3530, #) 4-5:45  
T  
8300. RESEARCH METHODS. (3 cr; prereq 5315, #) 4-5:45 W

#### SPRING QUARTER 1978

5305. HOME ECONOMICS CURRICULUM: COLLEGE LEVEL. (3 cr; prereq #) 4-5:45 M  
5337. HOME ECONOMICS OCCUPATIONAL SEMINAR. (3-9 cr [max 9]; prereq #) 4-5:45 W  
8525. SEMINAR: ADMINISTRATIVE SUPERVISION OF HOME ECONOMICS PROGRAMS. (2 cr; prereq 5320,  
8520 or #...EdAd 8201 or 8253 recommended) 4-5:45 T

## Industrial Education (Ind)

### LATE AFTERNOON AND SATURDAY MORNING CLASSES

#### FALL QUARTER 1977

- ✓ 5301. TESTS IN INDUSTRIAL SUBJECTS. (3 cr) IX-X M, PeikH 41A, Wentling  
5303. INSTRUCTIONAL AIDS. (3 cr) IX-X W, PeikH 41A, Irvin  
✓ 5330. INDUSTRIAL COURSE CONSTRUCTION. (3 cr) IX-X T, FolH 104, Kavanaugh  
5360. INDUSTRIAL INSTRUCTION. (3 cr; prereq 3340, SeEd 3155 or #) IX-X M

#### WINTER QUARTER 1978

5301. TESTS IN INDUSTRIAL SUBJECTS. (3 cr) IX-X M  
5344. FACILITIES AND MANAGEMENT. (3 cr; prereq 1300 or 5330 or #) IX-X T  
5360. INDUSTRIAL INSTRUCTION. (3 cr) IX-X W  
8310. RESEARCH. (3 cr; prereq #) 4-7 Th

#### SPRING QUARTER 1978

5305. CRITICAL ISSUES IN INDUSTRIAL EDUCATION. (3 cr) IX-X T  
5309. CONFERENCE LEADING FOR INDUSTRY. (3 cr; prereq #) IX-X M

5320. VOCATIONAL GUIDANCE. (3 cr) IX-X Th

5360. INDUSTRIAL INSTRUCTION. (3 cr) IX-X W

## **Vocational Education (VoEd)**

### **LATE AFTERNOON AND SATURDAY MORNING CLASSES**

#### **FALL QUARTER 1977**

5200. EVALUATION OF LOCAL VOCATIONAL EDUCATION PROGRAMS. (3 cr) 4-4:45 Th, ClaOff 143, Marvin

#### **WINTER QUARTER 1978**

5300. PHILOSOPHY AND PRACTICE OF VOCATIONAL EDUCATION. (3 cr) IX-X T

5500. INTRODUCTION TO VOCATIONAL EDUCATION ADMINISTRATION. (3 cr) IX-X Th

#### **✓SPRING QUARTER 1978**

5300. PHILOSOPHY AND PRACTICE OF VOCATIONAL EDUCATION. (3 cr) IX-X W

# CALENDAR FOR ACADEMIC YEAR 1977-78

## FALL QUARTER

### August

- 15 Graduate School application deadline for fall quarter.<sup>1</sup>

### September

- 5 Labor Day, holiday.
- 15 Last day to pay fall quarter fees for students registered through September 9.
- 23 Last day to register and pay fees for undergraduate students, including adult special students, except teachers in service.
- 26 Fall quarter classes begin.
- 30 Last day to register and pay fees for graduate students and teachers in service.

### October

- 15 Homecoming.

### November

- 2 Last day to pay graduation fees for fall quarter.
- 9 Last day for students in Graduate School to pay graduation fee for fall quarter.
- 24 Thanksgiving Day, holiday. Classes excused.
- 25 University holiday. Classes excused.
- 28 Graduate School application deadline for winter quarter.<sup>1</sup>

### December

- 6 Last day of instruction.
- 7 Study Day.
- 8-14 Final examinations.
- 14 Commencement. End of fall quarter.
- 23 Christmas, holiday observed. Classes excused.
- 30 Last day to pay winter quarter fees for all undergraduate students, including adult special students, except teachers in service.

## WINTER QUARTER

### January

- 3 Winter quarter classes begin.
- 9 Last day to register and pay fees for graduate students and teachers in service.

### February

- 6 Last day to pay graduation fees for winter quarter.
- 10 Last day for students in Graduate School to pay graduation fee for winter quarter.
- 27 Graduate School application deadline for spring quarter.<sup>1</sup>

### March

- 10 Last day of instruction.
- 11 Study Day.
- 13-18 Final examinations.
- 18 End of winter quarter.
- 24 Last day to pay spring quarter fees for all undergraduate students, including adult special students, except teachers in service.

## SPRING QUARTER

### March

- 27 Spring quarter classes begin.
- 31 Last day to register and pay fees for graduate students and teachers in service.

### April

- 19 Last day to pay graduation fees for spring quarter.

### May

- 5 Last day for students in Graduate School to pay graduation fee for spring quarter.
- 15 Graduate School application deadline for first term of summer session.<sup>1</sup>
- 29 Memorial Day, holiday. Classes excused.

### June

- 2 Last day of instruction.
- 3 Study Day.
- 5-10 Final examinations.
- 6 Last day to pay graduation fees for first term of summer session.
- 10 Graduate School commencement. End of spring quarter.

## SUMMER SESSION 1977 FIRST TERM

### June

- 12 Last day to register and pay fees for first term.
- 13 First term classes begin.
- 15 Graduate School application deadline for second term of summer session.<sup>1</sup>

### July

- 4 Independence Day, holiday. Classes excused.
- 14 End of first term. Last day to pay graduation fees for second term.

## SECOND TERM

### July

- 17 Last day to register and pay fees for second term.
- 18 Second term classes begin.

### August

- 18 End of second term.

<sup>1</sup>Applications accepted through next business day if date falls on Saturday, Sunday, or University holiday.

## NOTES

## NOTES

## REGISTRATION PROCEDURES

### Late Afternoon and Saturday Morning Classes

#### *Adult Special Students*

- If not previously *admitted and registered* as an adult special, apply in 240 Williamson Hall.
- Obtain *permit to register* at the Registration Center, 106 Morrill Hall, or Education Career Development Office, 1425 University Avenue S.E.

Those who return the forms by mail may obtain a permit to register at the Education Career Development Office approximately 2-3 weeks after returning the forms; if time permits, those who personally return their adult special application forms to 240 Williamson Hall will receive a permit to register at the time they return the forms.

Students who have been admitted to the College of Education as an adult special but did not register during the previous quarter may obtain the permit at the Registration Center, 106 Morrill Hall; those who registered during the previous quarter may obtain the permit at the Education Career Development Office.

- Obtain registration materials at the Education Career Development Office, 1425 University Avenue S.E.
- Secure approval from any adviser in the area in which you are taking courses (elementary, secondary, etc.).
- Return all forms to the Education Career Development Office, 1425 University Avenue S.E., for College of Education approval.
- Secure fee statement at the Registration Center, 106 Morrill Hall, and pay fees.

#### *Master of Education (M.Ed.) Degree Students*

Follow the same procedure as adult special students, but secure approval from your assigned adviser.

#### *Master of Arts (M.A.), Doctor of Education (Ed.D.), and Doctor of Philosophy (Ph.D.) Degree Students*

- Obtain *application for admission* forms in 310 Johnston Hall.
- If registered during the previous quarter, obtain *registration* materials in your departmental office; all others obtain *registration* materials in 316 Johnston Hall.
- Secure adviser's approval.
- Return completed forms to 310 Johnston Hall.
- Secure fee statement at the Registration Center, 106 Morrill Hall, and pay fees.

### Extension Classes

- Register in 101 Westbrook Hall from 12 noon to 8 p.m. on September 7 and 8 and 12 through 15, and from 12 noon to 4:30 p.m. on Friday, September 9.