



The Extension Classes Bulletin

For 1985-86, something new and something old

Even though the new 1985-86 Extension Classes Bulletin is over 600 pages long, finding the courses or information you need isn't difficult if you follow some of the guides provided.

First of all, the comprehensive index at the end of the bulletin features many single entries as well as broad topical lists like "photography" and "statistics."

In addition, in the course offerings section, there are many cross references for courses on related topics offered by different departments. Courses are listed in the course offerings section alpha-

betically by department name. Summary listings under topics such as "health" or "business" can help you find specific departments with the courses you want, too.

Page references, especially for important procedural or policy matters related to registration, course information, symbols, or degree requirements, are included throughout the bulletin.

See the list of helpful telephone numbers on the inside front cover and the table of contents for an overview of the bulletin's arrangement.

And each month in **Info**, watch for the "bulletin changes" section that gives important course corrections and additions.

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Much is new in the bulletin this year, so a few key changes are highlighted here.

A new University holiday in winter quarter is the **Martin Luther King, Jr., Birthday holiday**, observed on January 20, 1986, for this school year. Classes will not meet and all offices are closed.

Procedures and important cautions for students registering with **tuition deferments** are spelled out in detail in the bulletin on page 35. Only students receiving financial aid through the University of Minnesota are eligible for tuition deferments. Students are responsible for fees and tuition once they receive deferments; students who decide to stop attending class must cancel officially and must pay that part of the tuition that would not be refundable based on the refund policies outlined on page 57 in the bulletin.

The reduced-tuition rate for **persons 62 and older** in noncredit Informal Courses and Continuing Education for Women noncredit classes has been changed for 1985-86. Senior citizens registering under this option receive a \$10 reduction on tuition (all course fees and special fees must be paid in full). Space-available basis only for limited-enrollment classes. See complete details in the bulletin, pages 50-51.

continued page 2

See fall registration dates, page 3

University of Minnesota Extension Classes—bringing you . . .

Education...

college can be the key to getting the job skills and credentials you need for the career you want.

Experience...

over 65 years of service, allowing you to combine your experience with your education—matching what you have accomplished with what you can learn. And doing that with people like you, who bring dedication, insight, and a lifetime of learning to class every evening.

Excellence...

the University of Minnesota—quality instruction from superior faculty, dozens of degree options, variety that is sure to include a place for you.

Opportunity...

Extension classes are open to everyone who wants to learn. You don't need entrance testing or a high school diploma. If you find that you are college able, you can complete a degree, selecting from more than 30 majors or options, or a certificate, where focused course work can complement your experience or completed degree.

Convenience...

Extension Classes at the University of Minnesota—2,000 evening and weekend classes each year—for working adults and part-time learners.

See the new 1985-86 Extension Classes Bulletin for complete details about courses, educational programs and services available through Extension, and registration. Call 376-3000 to request a copy if you don't have one.

Midweek start for fall quarter 1985

The first day of instruction for regular fall quarter classes is September 26, a Thursday. Fall quarter classes that meet on Friday, Saturday, Monday, Tuesday or Wednesday will start September 27 through October 2 respectively.

# General College limits bachelor's degree options

The General College has instituted a two-year experiment in its baccalaureate program starting this fall quarter 1985.

## new

continued from page 1

In the **degrees and certificates** section near the end of the bulletin, you will find a more comprehensive explanation of the objectives and organization of the General College.

The Graphic Design/Commercial Illustration Certificate program (formerly the Commercial Art Certificate) has been renamed and modified to include two emphases from which students may select—design or illustration.

A new certificate program in Operations Management has been added this year. Course work provides professional and technical education related to the analysis and design of systems and processes by which goods and services are produced, materials and inventory management, management of the work force, forecasting, quality planning and control, logistics and project design, and the productivity of operations for both manufacturing and service industries.

Some programs and departments

The experiment will extend from September, 1985, to September, 1987, and will focus on the offering of a single baccalaureate degree—the Bachelor of

have **new abbreviations**: Classics is now Classical Studies, ClSt. LM is the new designator for Logistics Management, formerly Transportation and Business Logistics; courses have been revised, also. Pharmacy courses now appear under SHCE, Social, Hospital and Continuing Pharmacy Education. Courses in Housing (part of the Department of Design, Housing and Apparel) appear separately in the bulletin, and there are several more courses this year. Study and Travel Adventures now carry STA as an abbreviation rather than IC.

Many **new buildings** are opening in 1985-86. Borlaug Hall is new on the St. Paul campus. On the West Bank, there are the Hubert H. Humphrey Center, Ferguson Hall (music), and the People's Center (2000 Fifth Street S.). Several video production courses (offered through Studio Arts) meet at University Community Video, 425 Ontario Street S.E., on the East Bank.

Applied Studies. During this time, no further admissions will be made to the Bachelor of General Studies degree program.

Requirements for admission to the Bachelor of Applied Studies degree program include:

1. completion of an associate degree (90 quarter credits) or its equivalent.

2. certification in an occupational or skills area.

3. a minimum of two years full-time employment in an occupational area related to the area of certification.

4. a C(7) average (2.40 on a 4-point scale) and satisfactory achievement in course work related to the applicant's projected degree program.

5. completion of the Freshman Composition requirement (e.g., GC 1421/1422) with at least C(7) grades (2.40 on a 4-point scale) in each course.

6. successful completion of GC 1894 Planning a Baccalaureate Program.

Students who were admitted to either the Bachelor of Applied Studies or the Bachelor of General Studies prior to September, 1985, will continue to be served in those programs under the guidelines in effect at the time of their admission and will not be involved in the experiment.

Students who may have been planning to apply for admission to the Bachelor of General Studies program may wish to consider applying to the Intercollege Program (ICP) of University College.

For more information about the Bachelor of Applied Studies degree program, contact the General College Counseling Office, 10 Nicholson Hall, on the Minneapolis campus; telephone 376-2950.

## The Dean's Fund

# Students helping students

The first effort at beginning a development fund to aid students in Continuing Education and Extension began this year.

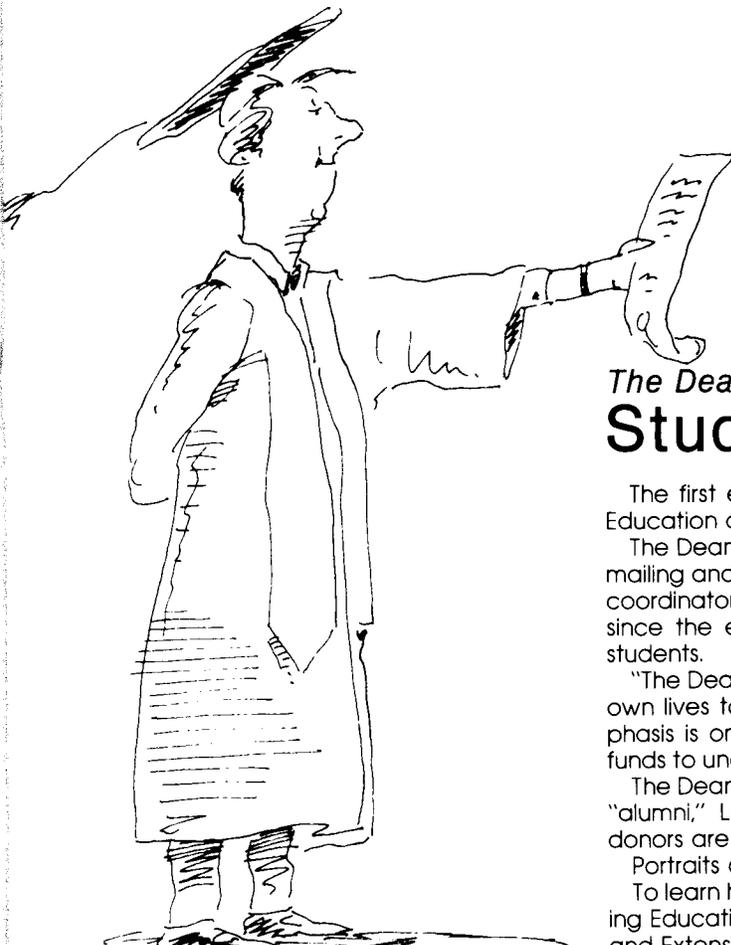
The Dean's Fund for Continuing Education, in a drive this summer that included a mailing and telephone campaign, raised over \$800 toward a \$10,000 goal. Fund coordinator Phil Lundblad of Extension Classes says he is pleased with the response since the experimental campaign was directed at only a few hundred former students.

"The Dean's Fund is a means for people who know the value of education in their own lives to extend learning opportunities to others," Lundblad says. Primary emphasis is on building a scholarship fund and career counseling fund, he says, but funds to underwrite other programs, or to establish new services, are sought as well.

The Dean's Fund also is a first step in re-establishing ties between Extension and its "alumni," Lundblad points out. Publications, special mailings and incentives for donors are in the planning stages now.

Portraits of some of those alumni will appear in upcoming issues of **Info**.

To learn how you can become a charter member of the Dean's Fund for Continuing Education, telephone 376-8286 or write The Dean's Fund, Continuing Education and Extension, 150 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.



# Try a class near home or work

In addition to the centrally located Minneapolis and St. Paul campuses of the University, Extension classes are held at five suburban high school locations.

Classes at these local school buildings usually have limits on enrollment, so early registration by mail is recommended (in-person registrations are not accepted at neighborhood centers).

Neighborhood centers and fall classes are listed below. For more information, see pages 620-625 in the new Extension Classes Bulletin.

**Alexander Ramsey High School, 1261 W. Highway 36, Roseville**

AmSt 1001 **American Culture I**  
 Engl 1016 **Introduction to American Literature**  
 Math 0009 **Intermediate Algebra**  
 Math 1111 **College Algebra and Analytic Geometry**  
 Math 1201 **Pre-Calculus**  
 Math 1211 **Calculus I**  
 Pol 1001 **American Government and Politics**  
 Psy 3604 **Abnormal Psychology**

Spch 1101 **Fundamentals of Speech-Communication: Oral Communication**  
 Econ 1001, 1002 **Principles of Economics**

**Irondale High School, 2425 Long Lake Road, New Brighton**

BLaw 3058 **Business Law**  
 GC 1111 **Weather and Climate**  
 Econ 1001 **Principles of Economics**

**Minnetonka High School, 18301 Highway 7, Minnetonka**

Comp 1011 **Writing Practice**  
 Econ 1001 **Principles of Economics**

**Richfield Senior High School, 7001 Harriet Ave. S., Richfield**

CPsy 1301 **Introductory Child Psychology**  
 ClSt 1042 **Greek and Roman Mythology**

Comp 1011 **Writing Practice**  
 BFin 3000 **Finance Fundamentals**  
 GC 1540 **Accounting Fundamentals**  
 Mktg 3000 **Principles of Marketing**  
 Math 0009 **Intermediate Algebra**  
 Math 1111 **College Algebra and Analytic Geometry**  
 Math 1201 **Pre-Calculus**  
 Math 1211 **Calculus I**  
 Econ 1001 **Principles of Economics**  
 Psy 1001 **Introduction to Psychology**

**Robbinsdale/Armstrong Senior High School, 10635 36th Ave. N., Plymouth**

Anth 1102 **Social and Cultural Anthropology**  
 CPsy 3303/5303 **Adolescent Psychology**  
 IR 3002 **Personnel and Industrial Relations**  
 Mgmt 3001 **Fundamentals of Management**  
 Math 0009 **Intermediate Algebra**  
 Econ 1001, 1002 **Principles of Economics**  
 Psy 1001 **Introduction to Psychology**

## Fall registration

Registration for fall classes begins in just a few weeks. Dates and procedures are outlined here, but be sure to refer to the new 1985-86 Extension Classes Bulletin, pages 10-13 and 20-25, for complete information.

### MAIL REGISTRATION

**August 19 to September 18:** Registration forms with checks will be accepted by mail at 101 Wesbrook Hall for limited- and nonlimited-enrollment classes. To request registration forms, call 376-3000.

Students must include a separate check for each limited-class registration; nonlimited classes may be paid for with one check.

Fill out the registration form completely. Social Security numbers and birth dates are required for coding purposes.

Registrations are processed daily; early registrations (received before August 19) will be returned to the student.

If your limited class is closed, your registration and check will be returned. If there is an acceptable alternative section or course you want, include an alternate choice form or a note giving your second and third choices.

### IN-PERSON REGISTRATION

**September 10-18:** Registrations will be accepted at 101 Wesbrook Hall on the Minneapolis campus; at the MacPhail Center, 1128 LaSalle Avenue,

downtown Minneapolis; or at the downtown St. Paul registration booth in the Norwest Center, Fifth and Minnesota. See page 11 in the bulletin for registration hours. All registration offices are closed weekends.

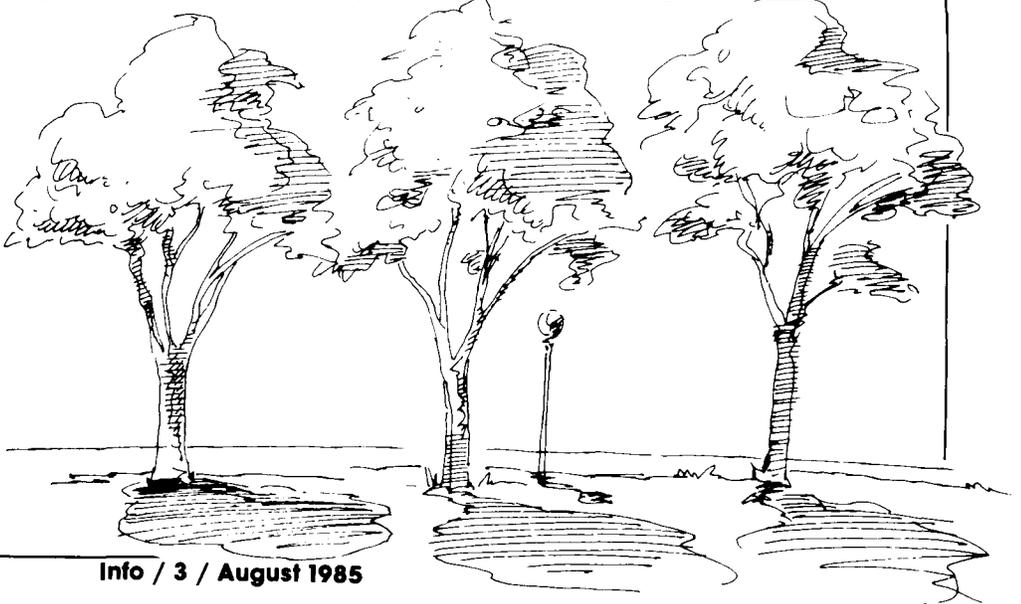
If you reserve space in a limited class during in-person registration, you must pay tuition by the last day of the regular registration period (September 18); otherwise, you forfeit your space in class.

**Off-campus classes:** Students should register by mail for classes held at neighborhood centers. **In-person registrations are not accepted at**

**neighborhood centers.** Extension classes are held at Minnetonka High School, Richfield High School, Robbinsdale/Armstrong Senior High School (Plymouth), Irondale High School (New Brighton), and Alexander Ramsey High School (Roseville). Registration materials are available during regular business hours at the school district offices and education centers listed on page 25 in the bulletin.

**September 18 is the last day to register without a late fee for most fall quarter and fall semester classes.**

Fall classes begin September 26.



# Course costs vary by level and by college

Tuition for Extension classes varies by course level and the per-credit rate of the college offering the credits. The tuition rate times the number of credits the course carries—plus any course fees or special fees—determines the course cost.

All 1000-level courses, regardless of college, are \$38.50 a credit. Certificate credit courses, entrance credit courses, and most other 0000-level courses have tuition computed at this rate, also.

For 3000- and 5000-level courses, the following per-credit tuition rates by

college are used (rates subject to regents' approval).

General College .....	39.00
Liberal Arts .....	40.75
Management .....	47.25
Institute of Technology .....	49.00
Biological Sciences .....	50.00
Education .....	50.50
Home Economics .....	51.75
Public Health .....	51.75
Agriculture .....	52.50
Forestry .....	55.75
Pharmacy .....	55.75
Nursing .....	61.25
Veterinary Medicine .....	63.25
Medical School .....	65.50
Graduate School (8000-level) .....	89.75

Courses in Food Science and Nutrition are \$52 a credit, a cost prorated on tuition rates for the colleges of Home Economics and Agriculture.

## Football tickets kick-off

A hard-charging new mascot for Gopher sports will be introduced this fall when the University of Minnesota football season begins.

And Coach Lou Holtz will be leading his charges onto the Metrodome field in a hard campaign that includes home games against Wichita State, Montana, Oklahoma, Purdue, Ohio State, Wisconsin, and Michigan.

Extension students who register for three credits or more this fall are eligible to purchase season football tickets at student rates (seven games for \$35). The seating is reserved for each game, and a guest adjacent season ticket may be

purchased for the same price. **See pages 521-522 in the bulletin for details.**

Since proof of enrollment is required to pick up or purchase tickets, students should wait to register in person (opens September 10) and pay fees immediately so they have a receipted fee statement to present when obtaining tickets (available the week before the first game—September 9 to 13). The first game is September 14 versus Wichita State.

## Student board meets and names Extension senators

The Extension Classes Student Board for 1985-86 held its organizational meeting in June and made appointments to the University Senate.

All six students who filed for the senate elections last spring were declared senators: Gary Campbell, Thomas Sommerfeld, Pauline Zarling, Theresa Hathaway, Charles Armstrong, and Donald Loude, Jr.

Other board members appointed as senators were Cheryl Childer and Linda Sullivan.

Last year's board members were cited for their efforts, also. Continuing Education and Extension Dean Harold Miller thanked the outgoing board members for their service. The board spent considerable time working on issues related to fees, financial aid, the semester system, and the Extension student's place in the University in the future.

John Malmberg, Director of Extension Classes, presented certificates to 1984-85 board members Steven Feig, David Lenander, John Watson, Pat Webster, JoAnn Johnson, and Lynnette Weisgram. Weisgram, Feig, and Webster will serve as alternates to the University Senate this year. Lenander also will continue on as a board member.

Temporary officers were elected. Charles Armstrong will serve as chair and Pauline Zarling will be vice chair.

If you are interested in talking to a board member or would like to attend a student board meeting, call 376-750C for information.



The new Gopher mascot—confident and competitive (and certainly muscular).

### UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO USPS 711-240

Registration Office: 101 Wesbrook Hall  
Telephone 373-3195

Charles R. Cheesebrough  
Editor

Info is a newsletter for University of Minnesota Extension Classes students. It is published 9 times a year—August, September, October, November, December, January, February, March and April-May by the Department of Extension Classes, 180 Wesbrook Hall, University of Minnesota, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel of this issue.

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, religion, color, sex, national origin, handicap, age or veteran status.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

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# All about financial aid

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## Eligibility depends on your progress

Extension students are reminded of new financial aid academic progress standards which became effective fall quarter of 1984. The standards require that students complete a prescribed number of credits within a quarter/academic year with a minimum of a 2.00 grade-point average.

Students enrolled on a part-time basis (6 to 11 credits) are expected to complete a minimum of 6 credits a quarter, or a total of 18 credits for three quarters of the academic year.

Students registered full time (12 credits or more) are expected to complete a minimum of 12 credits a quarter, or a total of 36 credits for three quarters of the academic year.

Students registered on less than a half-time basis are expected to complete all credits attempted.

In addition, it is expected that students will complete their educational objectives (e.g., degree or certificate) within the prescribed eligibility period.

Students pursuing a bachelor's de-

gree who have attempted more than 216 credits are not eligible for financial aid. Students pursuing an associate degree or certificate program who have attempted more than 108 credits are not eligible for aid.

A brochure entitled "Academic Progress Standards for Financial Aid Recipients" is available at the Extension Counseling Office. This publication from the Office of Student Financial Aid describes the academic progress standards in detail. Continuing Education and Extension students are responsible for providing Extension transcripts, or grades on departmental letterhead with instructor signature, to the Office of Student Financial Aid for review.

## Part-time grant program opens criteria—and opens doors

Part-time students who need financial aid for their education will benefit from several changes in the Minnesota Part-Time Student Grant Program effective this fall.

The Minnesota Higher Education Coordinating Board and the state legislature have significantly increased funding for the program and have approved a rule change which permits awards for tuition and fees, books and supplies, transportation and child care costs incurred while students are involved in classes.

Another change allows a student receiving other financial aid, including grants and scholarships, loans, College Work-Study, and employer tuition-reimbursement plans, to apply for MPTSGP funds if the other aid and the student's contribution fall short of covering his or her educational costs.

Eligibility criteria are Minnesota

residency, U.S. citizenship or permanent residence, part-time registration, no prior bachelor's degree, enrollment in course work leading to a degree or certificate, evidence of satisfactory academic progress, and demonstration of financial need.

In order to be considered for MPTSGP funds, students' household incomes (federal adjusted gross income plus untaxed income) must not exceed the following levels: one-person household—\$9,775; two persons—\$13,425; three persons—\$16,675; four persons—\$20,675; five persons—\$22,225; six persons—\$23,875; seven persons—\$25,700; eight persons—\$27,425; nine or more persons—\$29,425.

For more information about the Minnesota Part-Time Student Grant Program or other financial aid options, contact Extension Counseling, 314 Nolte Center, telephone 373-3905.

## Free financial aid workshop

A free workshop on financial aid options will be offered by the Extension Counseling Office on Wednesday, August 28, 6 to 8 p.m., in 235 Nolte Center.

If you would like to attend this workshop, call or write the Extension Counseling Office, 314 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455; (612) 373-3905. Leave your name and a daytime phone number. Space is limited.

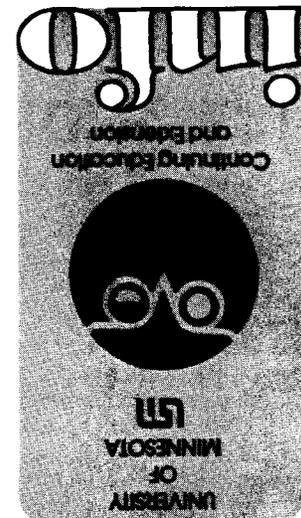
## Learn how to plan a career

The Extension Counseling Office will offer several sections of its popular Career Planning Workshop during the 1985-86 school year.

Participants in the workshop will evaluate their values, skills, and interests through exercises and questionnaires and also will learn how to research occupational alternatives, develop action plans, and conduct a job search.

The next six-session workshop will meet on Wednesdays, 6 to 8 p.m., October 2 to November 6. Cost is \$105. Call 373-3905 for registration information.





To correct your name or address on our lists, send the entire address panel and mailing label from your **Info** to Extension Classes, University of Minnesota, 180 Westrock Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

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## Here's some good advice: plan your program

You can discuss educational objectives, before registering for fall classes, with faculty advisers from specific colleges and departments (as well as the advisers at the Extension Counseling Office).

Students with more than 45 credits, who plan to work toward a degree in **home economics, mechanical engineering, and electrical engineering**, should call 373-3905 to make an appointment. Meetings will be on campus in the evening during August and September. You must bring transcripts of all previous college work.

For students who either are admitted to or interested in the **School of Management**, appointments are available Monday evenings. Call 373-3701 for an appointment (weekdays, 8 a.m. to 4:30 p.m.). Remember to bring transcripts of all previous college work.

Students admitted to the **College of Liberal Arts** should meet with CLA advisers once they have completed a

minimum of 110 credits. Call 373-4237 to arrange an evening appointment.

In addition, **General College** students may call the General College advising office, 376-2950, for individual appointments to review past work and degree progress.

Counselors and program advisers are available in Extension Counseling for all students who have less than 45 credits or who cannot attend at the special times listed above.

Extension counselors and advisers are available on a walk-in basis for fall registration from August 5 through September 18 from 9 a.m. to 7:30 p.m., Monday through Thursday, and from 9 a.m. to 4 p.m. on Friday (limited service between noon and 1 p.m. and 4 to 5 p.m.).

Regular office hours are 9 a.m. to 4 p.m., Monday through Friday, or by appointment in the evening on Monday through Thursday.

## How to obtain transcripts

Students may request official college transcripts in person and now receive same-day service.

Cost is \$6 (check or bursar cards only; no cash) for the official transcript (specially certified and embossed with the University's seal), which may be picked up or mailed that same day. Requests in person should be made at 155

Williamson Hall or at 130 Coffey (for St. Paul campus colleges) or to the address below if mailed.

Regular service is still available: for \$2, the official transcript will be mailed within five to seven working days to the student or any location requested. Also unchanged are the procedures for picking up unofficial college transcripts and Extension-only transcripts: students may pick up one free copy per visit at the transcript office.

**Transcript requests cannot be taken by telephone.**

Requests by mail should go to Office of Registration, Student Records and Scheduling, 155 Williamson Hall, 231 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455 (remember to include a check or money order for \$2 for regular service or \$6 for same-day service). Include complete name, birth date, social security number, the last dates or term in attendance, and course numbers (for Extension classes), if possible.

## Business and technical programs

Free workshops on business and technical education programs will be offered Monday evenings during August.

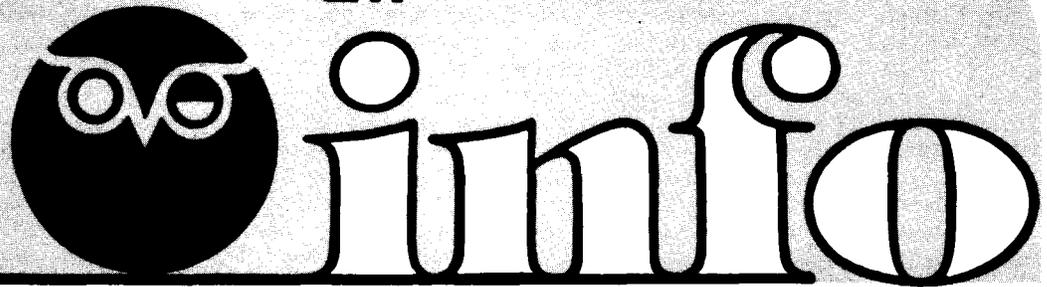
Students can obtain information on various University of Minnesota degree and certificate opportunities in these areas, with particular emphasis on programs in Continuing Education and Extension.

Business options will be covered August 5 and 19. Technical programs

will be reviewed August 12 and 26. All sessions are 6 to 8 p.m. and meet on campus.

Course selection, credit transfer, and registration procedures will also be discussed. Students should bring transcripts of previous college work. Advisers will be available for individual questions, too.

Call the Extension Counseling Office, 373-3905, to register or if you have questions.



## Special bookstore hours mean convenience

University bookstores are open extended hours early each quarter to make it easier for you to shop for textbooks and course materials. Extended hours for fall quarter are given below.

Most required textbooks are in stock before classes begin and may be purchased before or on the first night of class. You are urged to buy books early to assure the best selection of quality used books.

**Minnesota Book Center, Williamson Hall** (east bank), 373-3688; books for most departments in CLA, IT, Education, and General College.

**First week of classes:** Thursday, September 26, and Monday through Thursday, September 30-October 3, this bookstore is open 8 a.m. to 7:30 p.m. (Fridays, 8 a.m. to 4:30 p.m.)

**Saturdays:** September 21 and 28 and October 5 and 12, this bookstore is open 10 a.m. to 2 p.m.

**Harold D. Smith Bookstore** (west bank), 373-4450; books for the School of Management, several CLA departments with west bank offices or classrooms, and Family Social Science courses held on the west bank. **Note:** Starting fall quarter, books for **music** and **music education** courses will be sold at the west bank bookstore; most classes meet in Ferguson Hall.

**First week of classes:** Thursday, September 26, and Monday through Thursday, September 30 to October 3, this bookstore is open 8 a.m. to 7:30 p.m. (Fridays, 8 a.m. to 4:30 p.m.)

**Saturdays:** September 21 and 28, this bookstore is open 10 a.m. to 2 p.m.

**Books Underground** (St. Paul campus), 373-0800; books for classes on the St. Paul campus.

**First week of classes:** Thursday, September 26, and Monday through Thursday, September 30 through October 3, this bookstore is open 8 a.m. to 6:30 p.m.

**Health Sciences Bookstore**—2-554 Moos Health Science Tower (east bank), 376-4007. Books for courses in the health sciences.

**First week of classes:** Thursday, September 26, and Monday through Thursday, September 30 through October 3, this bookstore will be open 8 a.m. to 6:30 p.m.

**Saturdays:** September 28 and October 5, this bookstore will be open 10 a.m. to 2 p.m.

## Start language study this fall

Sprechen sie Deutsch? Snakker du norsk? ¿Habla usted Español? Parlez-vous français?

If you don't, you can learn how through Extension classes. Courses in foreign languages are some of the most popular evening classes offered. Students enroll for a variety of reasons, including study of their ethnic heritage,

**Arabic (332)**      **German (263, 501)**  
**Chinese (159)**    **Greek (222, 266)**  
**Dutch (157)**      **Italian (299, 501)**  
**French (223, 500)** **Japanese (160)**

preparation for travel, and completion of degree requirements. Most course sequences start in the fall.

The list of languages you can select from (see below) is comprehensive. Bulletin page numbers are included in parentheses so you can check course descriptions.

**Latin (305)**      **Russian (395)**  
**Norwegian (396)** **Spanish (416, 500)**  
**Persian (333)**    **Swedish (396)**  
**Polish (394)**

For details on resale of books, books for off-campus classes, hours at other times, and other bookstore details, see the bulletin, pages 29-30.

You may call for book information. Call early in the day, and be ready to give the **department** and **course number** (rather than course title or topic); this is especially true for a college or department with courses in a variety of areas, such as General College.

Be sure to save the sales receipt if you buy textbooks. If it becomes necessary, you may return books for a full refund through the second week of classes provided you have the sales receipt and the books have not been marked, written in, or damaged in any way.

**MSA Store:** This store is a student enterprise of the Minnesota Student Association. The store does not carry textbooks but does sell popular literature and other books, school and art supplies, crafts merchandise, records, greeting cards, health and beauty aids, clothing, photo processing, and reduced-admission movie tickets—all at discounted prices.

The MSA store is on the ground floor level of Coffman Union; regular hours are 8 a.m. to 7 p.m. on weekdays. Weekend hours can vary. Call 373-2408 to confirm hours.

## student board . . .

### Dear Extension Student:

Would you like to have some voice in the way the University works? Are you interested in having more influence on policies and procedures that affect evening and part-time students? Do you realize that many of the other 40,000 Extension students share your concerns about services, courses, and programs available to them?

The 1985-86 school year will be an important one for Extension students. The Extension Classes Student Board needs your help. We want commitment and support from you, the student. If you

have any comments or questions, please drop them off or write to me or the board in care of the Department of Extension Classes. Better yet, attend one of the student board monthly meetings.

Finally, we still have several openings for board members. If you are interested in attending a meeting or joining, please contact the student board office in Extension Classes, 180 Westbrook Hall, telephone 376-7500.

Sincerely,

**Chuck Armstrong**  
**Chairperson, Extension Classes**  
**Student Board**

# New courses: arts, science, business, and more

Dozens of new or revised courses are waiting for you this fall. Some are highlighted below. See the new bulletin for complete course descriptions.

Many courses may be taken for no credit at one-half the regular tuition cost. These courses are listed with a diamond symbol and the no-credit registration cost in parentheses following the course title and regular credit tuition cost. (Course fees and special fees must be paid in full.)

## Social Sciences

**Agro 5200 World Food Supply Problems.** Multidisciplinary approach: social, economic, physical and biological sciences.

**Anth 3251 Islamic Culture Sphere.** Mohammed and Islam; development of Islamic religion, law, government; culture and society in the Middle East.

**Hist 3489 Modern India.**

**Jour 5801 International Communication.** Global telecommunications; problems in the free flow of information, roles of international organizations and journalism; implications for conflict resolution.

**Pol 5323 American Defense Policy.** American strategic theory, capabilities; limited war; arms control and disarmament; defense policy making by the Executive Office, Congress, DOD, military, private sector; more.

## Health Sciences, Education

**CAPy 5624 Medical and Psychological Aspects of Obesity and its Treatment.** Focus on children and adolescents; health hazards, self-image, peer-group interaction, serious disorders such as anorexia and bulimia; role of parents, teachers, health professionals in detection, treatment, prevention. A one-day, one-credit workshop set for Oct. 12.

**PubH 5712 Organization and Management of Health Maintenance Organizations I.** For students in related programs or professionals working in the field. HMOs, prepaid group practices, and ambulatory care centers; concepts, history, structure, administration, legislation, providers and consumers.

**College of Education.** Education courses in several areas are offered evenings, late afternoons, and Saturdays. See the listing under Education in the course offerings section of the bulletin for departments and programs.

## Business

**Hist 3841 American Business History.** Development of the modern corporation and its management structure. Business and its relation to economic development, social change, politics, and government policies. Pioneers in business such as Ford, Carnegie, Rockefeller, Morgan, others.

**Industrial Relations.** Popular survey courses 3002 and 3010 are revised; see page 291 for new course descriptions.

**LM 3000 Introduction to Logistics Management.** Replaces Tran 3064. Management of the flow of physical products, organization of the process as related to finance, marketing, operations, and more.

**Real Estate.** Noncredit courses now available in property management that can lead to the professional designation RPA, Real Property Administrator, through the Building Owners and Managers Institute. Courses in building design, operations, maintenance, and finance.

## Arts and Humanities

**American Studies.** Many new courses including American culture since the 1920s; immigrant life and culture on Minnesota's Iron Range, 1880 to 1930; creative Americans.

**Studio Arts.** Several new courses in video production including shooting, editing, video synthesis, and more.

**English writing courses.** Available in advanced poetry, review and criticism of the arts, memoirs, sense of place in writing.

**Hum 3094 Paris and New York in the 1920s.**

**Th 1101 Introduction to Theatre.** History and theory of plays and playwrights. Video tape lectures by Arthur Ballet.

## Science and Engineering

**AEM 5435 Introduction to Random Vibrations.** Concepts of probability theory, random variables, and statistical averages; stochastic system theory; one- and two-degree-of-freedom mechanical systems to nondeterministic inputs; fatigue criteria, acoustic excitation.

**Arch 3411 Energy Design Techniques for Small Buildings.**

**CE 5300 Critical State Soil Mechanics.** Groundwater flow, linear elasticity, consolidation, settlement calculations, limit analysis, bearing capacity.

**CSci 5001 Theory and Applications of Linear Programming Algorithms.** Basic solutions to linear systems; inequalities; convex polyhedral sets; postoptimal analysis; duality. Revised simplex and numerically stable methods; upper bounded problems; commercially available LP systems; more.

**CSci 5107 Computer Graphics I.** Introductory course; definition of interactive computer graphics, its goals and problems. A model system; data structures, picture structures and transformations; structures of graphical programming languages. Informal laboratory.

## Finding dollars for college

A workshop for Extension students who want information about financial aid options and eligibility requirements will be offered on Monday, September 23, from 6 to 8 p.m., in 235 Nolte Center.

If you are interested in attending this workshop, please call or write to the Extension Counseling Office, 314 Nolte Center, 315 Pillsbury Drive S.E.,

University of Minnesota, Minneapolis, MN 55455; telephone 373-3905. Leave your name and a daytime phone number.

If you are unable to attend the workshop, feel free to contact an Extension counselor or adviser at 314 Nolte center (373-3905) for information.

### UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO USPS 711-240

Registration Office: 101 Wesbrook Hall  
Telephone 373-3195

Charles R. Cheesebrough  
Editor

**Info** is a newsletter for University of Minnesota Extension Classes students. It is published 9 times a year - August, September, October, November, December, January, February, March and April-May by the Department of Extension Classes, 180 Wesbrook Hall, University of Minnesota, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel of this issue.

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, religion, color, sex, national origin, handicap, age or veteran status.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

# Women's programs celebrate 25 years

Twenty-five years ago the University of Minnesota began a unique program, the Minnesota Plan for the Continuing Education of Women.

This program was the first in the country designed especially to help women continue their education at the collegiate level. From the plan evolved two present-day programs, Continuing Education for Women (CEW) and the Minnesota Women's Center.

This fall CEW and the Women's Center are celebrating their 25th anniversary with a conference entitled **Women and Education: How Far Have We Come?** The conference, scheduled for Friday and Saturday, November 1 and 2, at the University Radisson Hotel, will be a re-

union, a celebration, and an examination of the changing status of women in the educational system.

The conference begins Friday evening with a keynote address on the future of women's education. Bernice Sandler, director, Project on the Status and Education of Women, Washington, D.C., will give a national perspective. Ruth Randall, commissioner, Minnesota Department of Education, will give a regional perspective.

Saturday, November 2, will feature speakers and panels on:

- value of education for women.
- impact of the re-entry experience on students and instructors.
- intervention projects to make col-

leges more respectful of women and women's perspectives

- women's education worldwide
- relationship between education and women's economic status
- education of women in computer use and technology
- situation of women's athletic programs
- education for disadvantaged women

To receive a conference brochure, or for more information, call CEW at 373-9743.

## CEW alumnae

### Tell us your story

Step back and recall the 1960s and 1970s. Where were you? What were you doing?

If you are a woman, and you were attending classes at the University through Continuing Education for Women (CEW), CEW would like to hear from you! To complement its 25th anniversary conference, CEW is collecting stories from women who attended classes during its early years. The stories will be compiled in a booklet and distributed at the conference.

Please take a few minutes to write down one of your favorite stories about your experiences as a CEW student. The story can be funny, warm, touching, edifying, or outrageous. Limit the tale to 200 words and type or print it, double spaced, on plain white paper. Send to CEW Stories, 200 Westbrook Hall, 77 Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455.

Please submit by September 16. Questions? Call CEW at 373-9743.

## Invest some time in career planning

Learn how to identify your personal characteristics and prior work experience that are transferable to a different career through the career planning workshop offered by the Extension Counseling Office.

Participants complete exercises to clarify their skills, interests, and values as they relate to the world of work. The workshop also includes assignments on decision making and goal setting to help students develop plans for their careers.

The next workshop begins October 2 and meets once a week, on Wednesday nights, through November 6. Cost is \$105. Call 373-3905 for registration information.

## CEW classes take care of business

Beginning this fall, Continuing Education for Women (CEW) is offering courses and seminars in its new Business and Professional Development series.

Designed to help you brush up on forgotten techniques, learn new ones, cope with recurring situations, and gain information to help in analyzing a problem never before faced, these courses are taught by highly qualified and responsive instructors.

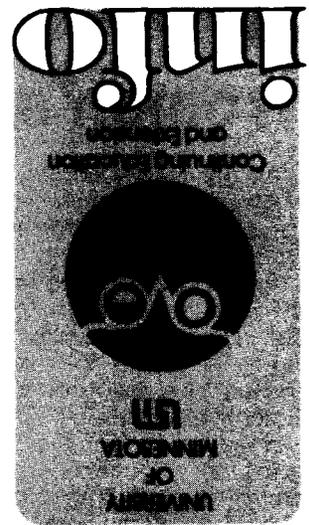
Fall quarter courses include **Assertiveness Skills for Women Re-Entering the Job Market or Changing Jobs; Barriers to Risk Taking for Women; Clear Connections: Listening Strategies and Styles; Management Skills for Women; Starting a Successful Consulting Business; Women Supervising Men; Developing and Managing Volunteer Programs in the 1980s; and Women Supervising Women.** Call 373-9743 to request a business brochure.

For the other side of your life, CEW offers credit day classes at off-campus locations (meeting once a week) and noncredit classes in areas of personal interest: arts and humanities; social sciences; career planning/development/self-help; literature and writing; and mathematics/computer technology.

Classes include **The Human Figure in Art: The Embodiment of Culture; Impact of Children on Your Life After 35: New Parents; Investing for Tax Advantages; The British Empire Depicted in Pictures; Introduction to Copy Editing; Technostress: Coping With Computers; and Understanding Comparable Worth.**

For more information on CEW, call 373-9743 or write Continuing Education for Women, University of Minnesota, 200 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.





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 Extension Classes  
 University of Minnesota  
 180 Westbrook Hall  
 77 Pleasant Street S.E.  
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Second class postage paid, Minneapolis, Minnesota

# Register now—last call for fall

It's not too late to register for fall term Extension classes.

Registration by mail continues through September 18, and in-person registration is September 10 to 18 at the locations listed below.

**101 Wesbrook Hall—Minneapolis Campus.** Register in person at 101 Wesbrook Hall between noon and 8 p.m. (except for Friday, September 13, when the office closes at 4:30 p.m.).

**MacPhail Center, 1128 LaSalle Ave.—Downtown Minneapolis.**

Registrations are accepted at the MacPhail Center office between noon and 8 p.m. (except for Friday, September 13, when the office closes at 4:30 p.m.).

**St. Paul Registration Booth, Norwest Center, Fifth and Minnesota—Downtown St. Paul.** The registration booth is on the skyway level and is open from 9 a.m. to 5 p.m.

**All registration offices are closed weekends.**

Students are urged to register early and to pay tuition with a personal check or money order. The St. Paul registration booth cannot accept cash.

Registration in Extension classes is on a first-come, first-served basis. Some high demand classes or certain sections have already filled. Register as early as possible.

**The last day to register without a late fee is September 18 for most classes.**

If you miss the September 18 deadline, you can register by mail with a \$5 late fee on September 19 and 20. Late registration in person resumes on September 23 and continues through the first week of classes with the \$5 late fee.

See page 11 in the bulletin for office hours during late registration. See page 27 in the bulletin for office hours once classes have begun (September 26).

## Added nursing classes

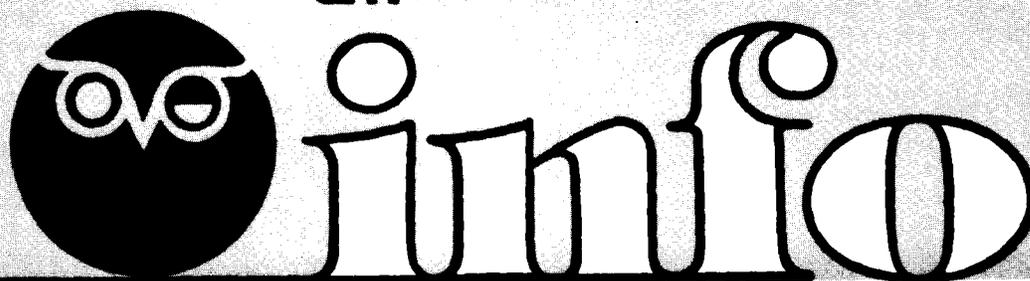
**Nurs 5801 Gerontological Nursing Seminar,** 2 degree credits, \$122.50. Theories of aging; health care issues of older adults; nursing assessment/interventions; health promotion of aging persons in home and community (prereq R.N. or #; graduate credit available). Fall quarter, sec 1, T, 4:15-6, HSUnit F arr, Taylor.

**Nurs 5711 Spirituality—Part of the Whole Person,** 2 or 3 degree credits, \$122.50 or \$183.75. Relationship of spirituality to the nursing process (no prereq). Fall quarter, sec 1, W, 4:15-6, PWB 5-206, Gustafson, limit 24.

## bulletin changes . . .

(Room changes will be posted in the classrooms)

COURSE	CHANGE
Acct 5236, sec 1	Change to spring quarter
Arth 394O	Topics course on Versailles will not be offered
Biol 3011, sec 1	Course listed at top of page 113 should be Biol 3111, lecture only, meets concurrently with Biol 3011; sec 1, 4 degree credits, \$200, no limit.
CSci 5117, sec 1	Change to winter quarter
Dtch 3011, 3012, sec 1	Canceled
EPsy 3606/5606, sec 1	Canceled
EPsy 5622, sec 1	Change day to Th
EPsy 5625, sec 1	Change day to TTh
Engl 5104, sec 1	May be taken A/N or S/N
FSoS 5032, sec 1	Change ending date to Nov. 18
GC 1894, sec 1	Change dates to Oct. 1-29
HSU 5013, sec 1	Change day to Wednesday
Psy 1011, sec 1	Change ending time to 8:20
PA 5421, sec 1	Offered fall quarter
PA 5102, sec 1	Offered fall quarter
SPFE 5102, sec 1	Change day to Th; change time to 1:15-3
CEW 0502, sec 1	Change location to 140 Nolte Center, Minneapolis campus
CEW 0503, sec 1	Change location to Nolte Library
IC 0209, sec 1	Change tuition to \$42 (age 62, \$32); \$37 for Bell Museum members
IC 0596, sec. 1, 2, 3	Change ending dates to Nov. 5, 6, 7



## Sampler lectures: proof your dollar is strong

Just when it seems everything is costing more (including tuition), along come Sampler lectures for 1985-86.

Sampler lectures are just one dollar—have been for years. For that dollar, you get a mini-class, a one-evening presentation by an expert offering insight into topics of interest to almost everyone.

Admission is \$1 payable at the door; no advance registration is necessary. Persons 62 and older are admitted free.

All Samplers begin at 7:30 p.m., and the lectures listed below all meet at the Earle Brown Continuing Education Center on the St. Paul campus.

Call 376-2814 to request a Sampler poster and to be put on the Sampler mailing list. Sampler announcements are issued twice a year.

**Rise and Fall of the Ancient Maya (October 1).** Skip and Phyllis Messenger, adjunct faculty, Anthropology.

**Stess: Too Well Known and Too Little Understood (October 8).** Keith Buckley, Counselor, Extension Counseling Office.

**The Luminous Ones: Great Actresses (October 24).** Elizabeth Nash, Associate Professor, Theatre Arts.

**China: A Nation in Transition (October 29).** John Cogan, Director, Global Education Center.

**The Power Within and the Powers That Be (November 5).** Scherrie Foster, Instructor, General College.

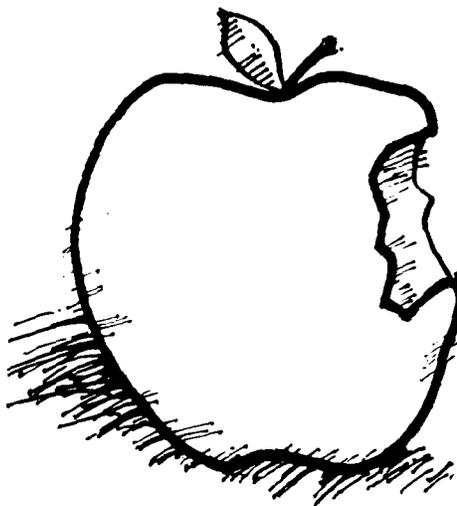
**Prehistoric Life Near Red Wing (November 11).** Clark Dobbs, Adjunct Professor, Anthropology.

**Identity and Intimacy in Close Relationships (November 19).** Philip Colgan, Licensed Psychologist.

**Batty Over Bats (December 4).** Gerda Nordquist, Graduate Student, Ecology and Behavioral Biology.

**Having Children Later in Life (January 14).** Linda Budd, Assistant Professor, Family Social Science.

**Interior Design for Small Homes (January 22),** Ann Erickson, Associate Professor, Department of Design.



## Criminal justice courses in GC

Three new courses in criminal justice are offered through General College this year.

The courses, described briefly below, can help prepare students for the academic examination required by the Minnesota Peace Officers Standard and Training Board. Material covered in the courses also can be helpful to people working in private security or in other areas related to the criminal justice and legal system.

The instructor is Donald Dwyer of the Anoka County Sheriff's Office and former police chief in Minneapolis.

**GC 3211 Statutory Definitions of Law.** Minnesota's criminal code and statutes; study and interpretation of the Uniform Crime Reports of the U.S. Justice Department. Fall, no prereq.

**GC 3212 Criminal Procedures.** Common legal problems related to individual rights and constitutional amendments. Fundamentals of investigation, definition of terms; criminal justice system and how it works. Winter, no prereq.

**GC 3213 Police in the Community.** Historical perspectives, interrelationship of agencies, current trends and events. Spring, no prereq.

See complete course descriptions in the bulletin on page 246.

## Free study skills help

If you need help with study problems, stop by the Extension Classes Reading/Writing Skills Center in room 1 Nicholson Hall.

Free tutoring is available to students having difficulties in note taking, outlining, theme writing, research techniques, reading, grammar, footnoting, preparation of bibliographies, vocabulary, spelling, and studying techniques for exams.

Any student registered in an Extension class is eligible.

No appointment is necessary. The study center is open Monday through Thursday from 8 a.m. to 8 p.m.; 8 a.m. to 3 p.m. only on Friday. The center is closed weekends, between quarters, and in the summer.

Many classes in study skills and writing skills also are available through Extension classes (at regular tuition rates). Six individual study courses offered through the skills center are described on pages 237-238 in the bulletin. Students proceed at their own rate and arrange their study schedules with the instructor.

Other courses are **GC 1403 Reading, Comprehension, and Study Skills**; **GC 1433 Basic Mathematics**; **Rhet 1147 Efficient Reading**; and **PO 1001 How To Study**.

In addition, a free two-session course about how to use the library is offered early each quarter; see page 505 in the Extension Classes bulletin for a description and dates.

# Live, learn, and earn University credit abroad

Explore the University of Minnesota's global campus with a study abroad program through the Extension Classes Office of Study Abroad (ECOSA).

ECOSA programs are co-sponsored by University academic departments and led by University faculty. Most include one quarter of study while living abroad with other University students.

In most cases, credits can be applied to distribution requirements, second language requirements, or major requirements for University degree programs.

Once you apply and are accepted into the program, orientation meetings with instructors and staff help you prepare to live and to study in your host country.

Call 373-1855 for more information about the programs described below. Costs include tuition and fees, air fare deposit, accommodations, and in some cases, meals and in-country field trips. Costs and program details are subject to change.

A general information meeting is set for early October. Call 373-1855 for exact date, time, and location.

## The Global Campus



Anthropology in Mexico  
French in Montpellier  
German and Austrian Studies in Graz  
International Program in Toledo, Spain  
Literature in London  
Minnesota Studies in International Development  
Polish in Lublin  
Spanish in Cuernavaca  
Swedish in Växjö

**Spanish in Cuernavaca—Winter Quarter 1986:** Spanish language and culture courses (12-14 credits). Students live with Mexican families as part of the program; \$2,450.

**Anthropology in Mexico—Winter Quarter 1986:** Anthropology courses focusing on people and cultures of Middle America and cultural change and developments; Spanish language courses, also (12-13 credits). Students study at Cemanahuac educational institute in Cuernavaca, a cultural and arts center. Program is led by Professor Louis Casagrande, Director of Anthropology at the Science Museum of Minnesota; \$2,450.

**Literature in London—Spring Quarter 1986:** Courses in drama, Shakespeare, geography and literature, writers and their social contexts, contemporary London theatre (12-16 credits). Field trip to Shakespeare performances at Stratford-on-Avon; directed-study internships in London Fringe theatres available; \$2,650.

**Swedish in Växjö—Spring Quarter 1986:** Intensive Swedish language instruction, culture courses, field trips (15-16 credits); \$2,400 (approximate).

**French in Montpellier—Spring Quarter 1986:** French language, literature, and history courses (12-14 credits). Students stay with French families; field trip to Paris; \$2,400 (approximate).

**Polish in Lublin—Summer 1986:** Polish language instruction, culture course, and one-week field trip (9 credits). Students study at Marie Curie-Skłodowska University in Lublin, Poland; \$1,500 (approximate).

**German and Austrian Studies in Graz—Fall Quarter 1986:** Intensive German language, literature, and history courses; home stay experience, field trip to Vienna (12-13 credits); \$2,500.

**Minnesota Studies in International Development:** Internships, three to six months, for Third World development in Colombia, India, Jamaica, Kenya, Senegal (variable credits); costs vary by location.

**International Program in Toledo, Spain:** Spanish language and other courses in the liberal arts during spring and fall semesters and summer of 1986 (18-27 credits); \$3,325 for semester terms, \$1,250 for summer term (approximate).

## Plan early for graduation

Students in their final quarter in degree programs in the School of Management and the College of Liberal Arts must pay graduation fees by October 18 or they will not graduate fall quarter.

In addition, students in their final quarter must notify their college offices of course numbers and sections they are taking through Extension.

School of Management students should contact the dean's office

(373-3701) at least four weeks before the end of the quarter.

College of Liberal Arts students also should contact their college offices at least four weeks before the quarter ends. Check with the Extension Counseling Office (373-3905) if you need the telephone number of your college office.

The granting of a degree could be delayed without sufficient notice.

### UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO USPS 711-240

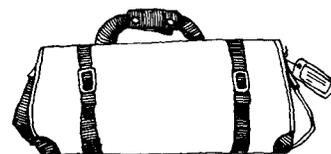
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Charles R. Cheesebrough  
Editor

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# Career workshop helps you help yourself

A career-planning workshop, sponsored by the Extension Counseling Office, will be offered on Mondays, November 4 to December 9, from 6 to 8 p.m. at an on-campus location.

After surveying skills, interests, and values, participants should be able to understand better their career objectives and how to achieve them. Students also complete an interest in-

ventory and learn techniques for setting goals and making decisions.

The cost for the workshop is \$100. Call Extension Counseling at 373-3905 for information.

★ ★ ★

## Fall courses available in health and helping professions

Several courses, including one-day workshops, on key social, behavioral, and public health issues are scheduled this year in Extension Classes.

**PubH 5643 Sexual Abuse of Children** is a one-credit course designed to offer a survey of the causes, symptoms, and prevention of child sexual abuse; particularly useful for teachers, school administrators, clergy, public health workers, child care providers, and helping professionals. Meets one day, 8 a.m. to 4:30 p.m., October 19. The instructor is Robert ten Bensel, M.D., nationally recognized expert on child abuse and sexual abuse. For registration information, call 373-1855.

A three-course sequence on **human sexuality** is designed to provide counselors, helping professionals, and people in related social service or health areas with a background in understanding human sexuality and the fundamentals of sexual health care and education, intervention and treatment for sexual problems, and programs and policy matters. For information, call the Program in Health Education, 373-8106.

Five workshops in Child and Adolescent Psychiatry are offered this fall, including three new ones. Each course meets for one day on a Saturday, one credit.

**CAPy 5620 Attention Deficit Disorder and Hyperactivity in Children, Adolescents, and Adults.** November 9.

**CAPy 5623 Assessment and Treatment Strategies in Child and Adolescent Suicide.** October 5.

**CAPy 5624 Medical and Psychological Aspects of Obesity and Its Treatment.** October 12.

**CAPy 5625 Stress, Mood, and Self-Esteem in Children and Adolescents.** November 2.

**CAPy 5626 The Disturbing Child/Adolescent in the Classroom.** November 16.

For information on CAPy workshops, call 373-8871.

**Youth Studies** courses include three-day, three-credit classes that cover compulsive and addictive behavior, working with youth, and communicating

with adolescents about sexuality. Quarter-length courses focus on experiential education and child and adolescent psychology for practitioners. For more information, call 376-7624.

See the course descriptions in the Course Offerings section of the Extension Classes bulletin for details on prerequisites and other course information. Most of these classes can be taken for graduate credit.

★ ★ ★

Workshops in human sexuality offered by the Department of Family Practice and Community Health are available, also, this fall.

**Disability and Sexuality: Sexual Attitude Reassessment Seminar,** Oct. 11-12, 9 a.m. - 6 p.m. Primarily for disabled people and partners; some space available for rehabilitation professionals.

**Play Workshop for Couples,** Oct. 10, 7-10 p.m.

**Exploring Intimacy Through Sexuality: Chemical Dependency Recovery,** Oct. 26, 8:30 a.m. - 5 p.m.

**Assessment and Treatment of Co-Dependency: Relationship Patterns,** Oct. 28, 8:30 a.m. - 4:30 p.m. For helping professionals only.

For information about these workshops, call 376-7520.

The Extension Counseling Office offers comprehensive testing and counseling for students who want to know more about their career and educational options.

Students complete interest, values, and personality inventories, and results are reviewed in both group and individual sessions with a vocational counselor. Cost is \$80 for Extension students and \$125 for nonstudents. Call 373-3905 for information.

★ ★ ★

## Management study tour goes to Japan

Charles Manz, assistant professor of management and author of "The Art of Self-Leadership," will lead an international business seminar tour to Japan next spring.

Pre-departure seminars will focus on Japanese culture, international business and organization, and Japanese management. Seminars begin in the spring.

The tour is scheduled for May 1986 and will include several on-site visits to companies and cultural centers.

Cost is \$2,695 and includes all transportation, lodging (double occupancy), on-site visits in Japan, five seminar sessions, and some meals (spouse cost is \$2,595).

Call 373-5167 for more information.

## An evening on Minnesota

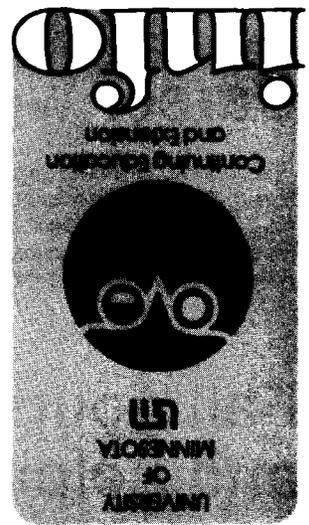
"Minnesota: Loons and a Whole Lot More." An evening of unique lectures on Minnesota featuring University faculty. Friday, October 18, 7-9:30 p.m., Law Building, \$8.50 special fee. Call 376-7500 for a complete list of lectures and registration materials.



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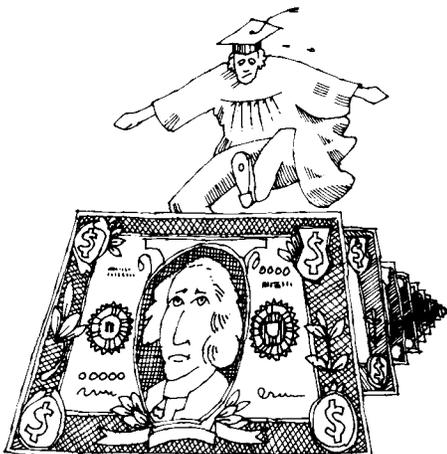
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 University of Minnesota  
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 77 Pleasant Street S.E.  
 Minneapolis, MN 55455

## Almost everything you need to know about financial aid

A workshop for Extension students who want information about financial aid options and eligibility requirements will be offered on Monday, October 28, from 6 to 8 p.m., in Nolte Center.

If you are interested in attending this workshop, please call or write the Extension Counseling Office, 314 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455; telephone 373-3905. Leave your name and a daytime phone number.

If you are unable to attend the workshop, feel free to contact an Extension counselor or adviser at 314 Nolte Center (373-3905) for information.



## bulletin changes

(Room changes will be posted in the classrooms)

### COURSE

Acct 5236, sec 1  
 Educ 5202, sec 1  
 Arch 0001, sec 1

Arch 5127, sec 1  
 ArtS 3420/5420, sec 1  
 ArtS 3420/5420, sec 7  
 ArtS 3420/5420, sec 10  
 CSci 5117, sec 1  
 DSci 1050, sec 2

DSci 3055, sec 2

EPsy 5430, sec 1  
 FSoS 3037/5037, sec 1  
 FSOS 5032, sec 1  
 FScN 5380, sec 1  
 GC 1112, sec 1  
 GC 1894, sec 1  
 Hsg 5565, sec 1  
 IEOR 5445, sec 1

MIS 3040, sec 2

MIS 3100, sec 4

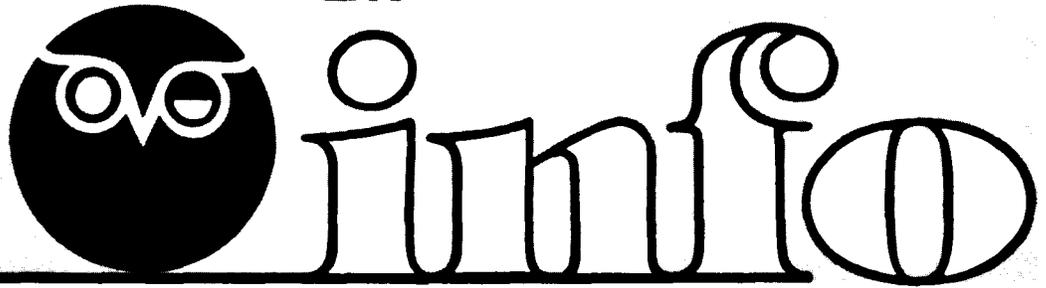
MIS 3101, sec 3

OM 3000, sec 1  
 OM 3041, sec 1  
 PA 5421, sec 1  
 PA 5102, sec 1  
 Phys 5951, sec 1  
 CEW 0502, sec 1  
 CEW 0503, sec 1  
 IC 0209, sec 1

IC 0596, sec 1,2,3  
 IC 0606, sec 1

### CHANGE

Change to spring quarter  
 Change to fall quarter  
 Added: **Architecture Practice and Management Course, Series I**, no credit, \$120 plus \$12 special fee, total \$132. Fall spec term, M, 6:30-9:30, Oct. 7-Dec. 9, Arch 50, Lindeman.  
 Change to fall quarter  
 Change day to Thursday  
 Change day to Wednesday  
 Canceled  
 Change to winter quarter  
 Meets W, 11 a.m.-1:30 p.m., Metropolitan Medical Center D-939  
 Meets Th, 11 a.m.-1:30 p.m., St. Paul City Hall, 15th floor  
 Canceled  
 Change dates to Oct. 10-12.  
 Change ending date to November 18  
 Canceled  
 Canceled  
 Change dates to Oct. 1-29  
 Change day to Tuesday  
 Added: **Topics in Management Science**, 3-5 degree credits (1-2 cr term paper option), \$49 a credit. Fall quarter, sec 1 TTh, 4:15-5:45, MechE 221.  
 Meets T, 11 a.m.-1:30 p.m., Hennepin County Government Center, Level A.  
 Meets Th, 11 a.m.-1:30 p.m., Norwest Center, St. Paul, Room A  
 Meets W, 11 a.m.-1:30 p.m., F&M Marquette Bank, Minneapolis Auditorium  
 Change to T, BlegH 130  
 Change to Th, BlegH 250  
 Offered fall quarter  
 Offered fall quarter  
 Canceled  
 Change to 140 Nolte Center  
 Change to Nolte Center Library  
 Change tuition to \$42 (age 62, \$32); \$37 for Bell Museum members  
 Change ending dates to Nov. 5,6,7  
 Change to W, Oct. 9-Nov. 6



## New courses—from technical to whimsical

Hundreds of evening courses are scheduled for winter quarter, including many new ones. A few are highlighted below. See the course offerings section in the bulletin (departments are listed alphabetically) for complete course descriptions.

Many of these courses can be taken for no credit at one-half the regular tuition cost. Noncredit students attend class, participate in discussion, and keep up with readings, but they do not take exams or do assignments (no transcript record is kept).

### Holiday reminder

**November 28-29**  
**(Thursday, Friday)**  
**Thanksgiving holidays.**  
**All offices closed.**  
**Classes do not meet.**

#### Engineering and science

##### **AEM 5438 Intermediate Dynamics.**

Three-dimensional Newtonian mechanics, kinematics and dynamics of rigid bodies, holonomic constraints, Lagrange equations, more.

##### **Arch 3110 Watercolor for Architects.**

For advanced students and professionals who want to incorporate watercolor into the design process.

##### **Arch 3412 Appropriate Technology: Passive Solar Heating Systems.**

**CE 3300 Elements of Soil Mechanics.** Physical properties, classification, stresses and strains, permeability and flow nets, consolidation, laboratory tests.

**Computer Science:** advanced courses in formal languages, computer graphics, database system design.

**Geo 1005 Geologic Perspectives on Energy.** Energy use, distribution of reserves, environmental aspects of consumption patterns.

**Soil 5340 Organic and Pesticidal Residue.** The fate of crop residues, animal wastes, sewage material, petroleum hydrocarbons, detergents, and pesticides in soils; decomposition and persistence.

#### Business

**Mgmt 3008 Entrepreneurship and the Smaller Enterprise.** Opportunities and constraints in establishing or managing one's own firm; new ventures, buying existing enterprises; case method.

**GC 1571 BASIC and Microcomputers.** Introductory course; laboratory hours arranged.

**PA 5231 Strategy and Tactics in Project Management.** How goals and contextual factors affect planning; strategic and tactical choices; case examples of planning for public programs, projects, services.

#### Social Sciences

##### **GC 3721 The Family and Society**

##### **Hist 3480 India Through British Eyes.**

The importance of India during British colonial period; emphasis on major writers including Kipling, E.M. Forester, Orwell, Paul Scott.

##### **MESA 3213 The Qur'an as Literature**

##### **MESA 3512 Modern Iran**

##### **Soc 3960 Non-Criminal Deviance.**

Deviance defined as social variation and subject to informal social control; definition and control, stigma and style; subcultures.

**WoSt 3910 (sec 2) Women and the Wilderness.** Historical aspects; women as wilderness adventurers, wives, missionaries, teachers, scholars, and homesteaders.

#### Arts and Humanities

##### **AmSt 3112 American Everyday Life.**

Changes in traditional sex roles, family roles, social roles related to work, belief systems, personal interaction.

##### **ArH 3467 Modern Art**

**ArtS 1420 Workshop: Video Production I.** Introductory course. Several advanced courses with specific topics also are offered.

**CLit 5910 Psychoanalysis and Literature.** Freud's theory of art and symbolic articulation; contemporary approaches; examples from literature, film.

**Engl 5100 (sec 7) Play Writing** (formerly numbered 5910; see bulletin page 203)

## Registration by high school students requires pre-planning

Gifted high school students often need a challenge beyond that found in their regular high school classes.

With the passage of the Post-Secondary Enrollment Options Act (EOA) this year, more students are exploring possibilities for earning college credit while still in high school. There are more than 150 such registrations this fall in Continuing Education and Extension programs, for example.

Since evening and correspondence courses are open to enrollment by everyone, and because course work is done at times that don't conflict with high school attendance, Extension offerings have been an important educational resource for especially capable

high school students for some time, notes Extension counselor Darryl Sedio.

Pre-registration advising is crucial, especially when students want to take advantage of the state's EOA program, Sedio emphasizes. Standards and procedures for entrance into the program and registration in classes are under review now. Some important requirements, including admission criteria, probably will be set later in the school year.

For more information, call the Extension Counseling Office at 373-3905 to make a day or evening appointment with Sedio or another adviser to discuss registration by high school students. Parents and high school counselors are welcome to call with questions.

# Try a tour with a difference

Imagine a vacation where you travel to the Alaskan wilderness with a professor of wildlife, tour Great Britain with a friendly historian, or visit a classroom of Chinese schoolchildren.

That's the kind of experience you will find—travel with a difference—through noncredit Study and Travel Adventures offered by Extension Classes.

This study tour program combines the satisfaction of learning with the pleasures of a vacation through small-group tours led by University instructors.

Beverly Sinniger, assistant director in Extension Classes, says Study and Travel Adventures can be an exciting and unique way to continue learning. "For people with a particular interest or avocation, like bird watching or history, a chance to travel with others who share that interest can make a trip much more memorable and enjoyable," she says.

Sinniger says that student surveys confirm that the expertise of the University faculty leading the groups is also an important attraction for tour participants. A good example, she says, is the **Wildlife and Wild Lands of Alaska** tour

where students get background and insight that no cruise ship traveler would find.

Jim Cooper, professor of wildlife who led the Alaskan tour last July (scheduled again in 1986), says the incredible scope of Alaska's landscape and ecosystems means that, without some preparation, uninitiated travelers may never see the animals or scenery they expected. In addition, they may not understand the geological complexity of a countryside that, although very diverse, can also seem repetitive because of its vastness, he warns.

The Alaskan trip includes stops at Portage Glacier and Denali National Park (Mt. McKinley) as well as trips to the oil port Valdez and Homer, a picturesque fishing village.

The appeal of expert commentary was evident in last summer's **Historical Sampler of Great Britain**, where several students said in their evaluations that the group leader, historian Fred Suppe, brought history into personal focus for them.

Carroll Dickson, a self-described

Anglophile and University Law School graduate, traveled with his grandson, Tom Edgar, 22, a recent Oberlin College graduate.

"The trip was most enjoyable, and Fred Suppe was an excellent instructor," said Dickson. Indeed, Suppe may have been too thorough, Dickson jested after the trip—the instructor's analytical review of Britain's dark ages (given while visiting Roman ruins at Viriconium) impugns the romantic literary accounts of King Arthur's court that Dickson says he prefers.

Even for a seasoned traveler like Dickson, who has been to England several times, new sights and opportunities arose, including the scenic, rugged country of North Wales and time to explore medieval Shrewsbury in depth, for example.

Another key criterion to the success of Study and Travel Adventures is the small group size. Most are limited to 20 or fewer. Dickson called the Britain group "congenial," the same word that Claire Olson, a participant in a trip to southern Spain in 1983 (also scheduled for 1986), used to describe the camaraderie she found on her tour. Even though the group included a variety of ages, experiences, and social backgrounds, the University sponsorship, Olson says, probably attracts people with a bent for learning in common.

Experience and insight from the faculty leaders, coupled with particularly attractive destinations such as China and uncommon ones including the St. Lawrence River Valley and Thailand, highlight tour choices for 1985-86.

John Cogan, education professor and director of the Global Education Center, will lead **China: Nation in Transition**, a tour that features more than sightseeing.

Cogan, a veteran China traveler, says dramatic cultural and social change continues in China; the Chinese are virtually opening up, he says, to the West and its ways. So, while the tour participants will see traditional historical and cultural sites like the Great Wall and Forbidden City, the tour also includes some visits that other travelers may not get—a Chinese classroom and the ancient observatory in Beijing, for example.

**Exotic Thailand** is led by Robert Dixon, assistant professor of forest resources and an experienced Thailand visitor who, since 1982, has done research and teaching in that country as part of a focused effort between the U.S. and Thai governments in the transfer of biotechnology.

Since he spends several months there each year, Dixon has become a keen observer of Thai society, as well. Thailand is unique among Asian coun-

## An informative affair: you're invited

Plan to attend our "Informative Affair," an evening of casual visiting, but with exciting insights, about the Study and Travel Adventures described in this Info. Instructors and staff will be on hand to

answer your questions, share information and slides, and help you plan. Thursday, November 8, 7 to 9 p.m., at the Nolte Center Lounge (Minneapolis east bank campus). R.S.V.P., call 376-7500.



continued page 4

# A world of places to go—both far . . .

Registration is open now for the Study and Travel Adventures listed below. Detailed course descriptions appear in the Extension Classes Bulletin, pages 507-512, or call 376-7500 for a Study and Travel Adventures brochure or cost information.

**Gateway to Africa: An Inaugural Look at Senegal and Gambia** (January 11-24, 1986). A close and human examination of that part of Africa that is nearest to the United States in both distance and culture; the historical perspectives and the contemporary realities, the promise and problems of these cosmopolitan yet unique African countries. Art, handicrafts, folklore, colonial influence, plus an overnight stay in an African village.

**On the Trail of the Ancient Maya** (January 18-February 1, 1986). An archaeological survey of Yucatan; visits to Palenque, the Olmec Museum, Campeche, Uxmal, many more sites, all with plenty of tropical sunshine.

**Exotic Thailand** (February 1986). The enchanting Buddhist kingdom that is so diverse and so unlike other Asian cultures that travelers might encounter bustling modern cities, archaeological wonders, mountain and marine preserves, remote villages, dense jungles bordering scenic white sand beaches, and more. Itinerary includes Bangkok, the secluded highlands, Phuket coast.

**A Festive Look at Southern Spain** (March 17-April 1, 1986). History, art, and Spanish culture are featured in this study tour highlighted by stays in the "paradores," restored palaces and monasteries, and major festivals, including the Fallas in Valencia and Holy Week in Seville; also Madrid, Toledo, Granada, Malaga, and Cordoba.



Madrid was the site for this photo of spring 1983 participants in the Study and Travel Adventure tour to Spain. An updated version of this tour, which features overnight stays in the "paradores," is scheduled in late March of 1986.

**New York City Theatre Tour** (March 17-21, 1986). Enjoy the best Broadway and off-Broadway plays and musicals, interview actors and actresses, discuss criticism with a critic, and go backstage with group leader Charles Nolte, professor of theatre arts. (Note new dates.)

**China: Nation in Transition** (March 19-April 5, 1986). An 18-day visit that covers the best of old and new China, a nation of one billion emerging now under the "four modernizations." Beijing and the Temple of Heaven, Forbidden City, Ming Tombs, and Great Wall; Xian and the archaeological excavations; Shanghai and its riverfronts, shops, and unique style; Suzhou, the garden city; and Hong Kong, the world city.

**White Water Challenge—Grand Canyon Trip** (April 24-May 7, 1986). Rafting trip through this massive geologic wonder with emphasis on natural history, the environment, and personal reflection.

**Rocky Mountain Photography Workshop** (June 15-22, 1986). The Big Sky, Montana, area with its natural beauty presents countless chances for both close-ups and spectacular landscapes; Lone Mountain Ranch resort offers many other activities, also.

**Natural History of the Swedish Countryside** (June 19-July 1, 1986). A review of the origins of many of the customs, foodways, and influences that Swedish immigrants brought to Minnesota. Cottage industries and handicrafts, the natural history and terrain of Sweden and its effect on lifestyles, vegetation and wildlife, emphasis on rural Sweden and first-hand experience in the field.

**The Wildlife and Wild Lands of Alaska** (July 18-29, 1986). A natural

history tour to Alaska, a name synonymous with wilderness—a land of dense green forests, rugged mountains, blue-white glaciers, and bears, caribou, moose, whales, trumpeter swans, arctic loons, and more.

**Sights and Sounds of Northern New England and Eastern Canada** (September 1986). A geographic sampler of the economy, history, and culture of the St. Lawrence River Valley, northern Vermont and Maine, and Nova Scotia. Fishing villages, lumbering and mill towns, shipbuilding sites, rocky headlands and harbors, much more.

## . . . and near

Try also a study adventure close to home, one of our "weekenders."

**Winter Photography on the North Shore** (January 17-19, 1986). Pre-trip lecture on winter photography techniques, weekend at Cascade Lodge, post-trip photo review session.

**Deer and Wolf Research in the Superior National Forest** (February 7-9, 1986). Study of predation, animal behaviors; live-capture and radio tracking techniques; optional air observation (not included in price); hands-on experience. (Note: limit changed to 16.)

**Winter Wildlife: A Weekend in the North Woods** (March 14-16, 1986). Animal behavior, winter ecology, opportunities for cross-country skiing and snowshoeing; Cascade Lodge.

**Spectacle of Wild Geese: A Weekend Field Trip** (March 21-23, 1986). Wild geese, harbingers of spring, in a million-plus congregation at Sand Lake National Wildlife Refuge in eastern South Dakota.

**A Spring Wildflower Weekend** (May 16-18, 1986). An outdoor weekend in early spring to explore spring flora—lichens, ferns, mosses, and flowers—at Wilder Forest, a nature preserve in rural Washington County.

## Financial aid for CEW classes

Scholarship funds are still available for people taking Continuing Education for Women classes during winter and spring terms. For information about the Mucke/Roff Scholarship and the Margaret M. Ferguson Scholarship, contact the Extension Counseling Office, 314 Nolte Center; 373-3905.

## study and travel

### from page 2

tries for several reasons, according to Dixon. "The secluded hill tribe people have social and cultural practices related to marriage, birthright, care of

the elderly, and so on that are unlike other cultures in Asia," he says. The country is a primitive Buddhist society, and religious and related social beliefs

are not the same as in other Buddhist countries, such as Japan.

Thailand has never been a colonial country; generally, the Thais have been self-governing throughout their history. In fact, Dixon points out, the word "Thai" means "free" in the country's language, and the Thais esteem that heritage.

The trip includes an excursion into jungles that feature over 200 varieties of orchids; visits to ancient temples; four days in Bangkok; and several days along the scenic coast of Phuket, an island with sandy beaches and nearby limestone cliffs towering hundreds of feet above the ocean.

A tour closer to home, but with the emphasis still on cultural history, is geography professor Philip Gershmel's **Sights and Sounds of Northern New England and Eastern Canada**. Gershmel promises a first-hand look at part of the country that for travelers is refreshingly noncommercial.

Stops along the back roads, backwaters, and backyards of the region will demonstrate its very identifiable and charming local flavor, even though it also is an important economic model for the rest of the country, Gershmel says. "A few decades ago the area went through massive de-industrialization, much as we are seeing now in the Midwest," Gershmel notes.

The roots of the milling, maritime, and shipping industries remain, of course, and the tour combines that rich history with wonderful mountain and coastline scenery, the ethnic enchantment of both New England and old Canada, and the resiliency of those who live "Down East."

Instructors can find Study and Travel Adventures rewarding teaching experiences, as well. Cooper says he enjoyed the enthusiasm of the Alaska group members and their interest not just in the spectacular, such as the moose and grizzly bears at Denali, but also in the less imposing, like the tiny summer wildflowers and other flora they discovered on nature hikes. "It was super to be with people who delighted in the things that I have delighted in, cared about, and studied all my life," Cooper says.

## Interest testing: know thyself

The Extension Counseling Office offers comprehensive testing and counseling for students who want to know more about their career and educational options. Students complete interest, value, and personality inventories, and results are reviewed in both group and individual sessions with a vocational counselor. Cost is \$80 for Extension students and \$125 for nonstudents. Call 373-3905 for more information.

Info / November 1985

## bulletin changes...

(Room changes will be posted in the classrooms)

### COURSE

### CHANGE

Educ 5202, sec 1  
Educ 5411, sec 1  
Arch 5128, sec 2  
Arts 3420/5420, sec 11  
Arts 3420/5420, sec 20

Canceled (was changed to fall)  
Change to winter quarter  
Change to winter quarter  
Canceled  
Added: **Workshop: Advanced Computer Graphics and Animation**, 3 degree credits, \$122.50 plus \$40 course fee and \$5 special fee; total \$167.25. Winter quarter, sec 20, Th, 6-10, PeikH 355, Sullivan.

CSci 5117, sec 1  
Dtch 3310, sec 1  
EPsy 5600, sec 1  
EPsy 5615, sec 1  
EPsy 5672, sec 1  
Elem 5315, sec 1  
Elem 5316, sec 2  
Engl 5910, sec 1  
HSU 5018, sec 1

Change to winter quarter  
Canceled  
Change day to Tuesday, JonesH 11  
Change to winter quarter, PeikH 315  
Change to winter quarter, room arr  
Change to spring quarter  
Change day to Thursday, PeikH 46  
Change course number to 5100, sec 7  
Added: **Computer Applications for Health Providers**, 3 degree credits, \$155.25 (1 additional credit available for computer project, \$51.75). Winter quarter, sec 1, T, 4:15-7, PWB 2-470, Gatewood.

LMed 5346, sec 1

Added: see HSU 5018 above (tuition \$196.50; additional cr \$65.50).

Phys 5952, sec 1  
PA 5102, sec 1  
PA 5550, sec 1  
PA 5701, sec 1  
PubH 3301/5301, sec 1

Canceled  
Canceled (was offered fall)  
Change course number to 5944  
Canceled (was offered fall)  
Change to winter quarter, TTh, 4-6, RarigC Studio E and PalmC 15 (StP)

SPFE 5101, sec 1  
SPFE 5102, sec 1  
WoSt 3501, sec 1  
CEW 0504, sec 1  
CEW 0506, sec 1  
IC 0100, sec 1

Change to Thursday  
Change to winter quarter, Th, 1:15-3  
Canceled  
Change to Nolte Center  
Change time to 1:30-3  
Canceled

### UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO USPS 711-240

Registration Office: 101 Wesbrook Hall  
Telephone 373-3195

Charles R. Cheesebrough  
Editor

Info is a newsletter for University of Minnesota Extension Classes students. It is published 9 times a year - August, September, October, November, December, January, February, March and April-May by the Department of Extension Classes, 180 Wesbrook Hall, University of Minnesota, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel of this issue.

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, religion, color, sex, national origin, handicap, age or veteran status.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

# Everything you wanted to know about college

If you have been thinking about going back to school and don't know where to begin, plan to attend the free back-to-school workshop on Saturday, November 16, from 8:30 a.m. to 1 p.m. at the Earle Brown Center on the St. Paul campus.

You'll find answers to questions about courses, degrees, financial aid, student

advising, and study skills. Library tours and a campus tour are planned (tentatively).

An adviser from the Extension Counseling Office will explain educational opportunities in Extension Classes, Independent Study correspondence and television courses, Continuing

Education for Women programs, and other University departments.

A tutor from the Reading/Writing Skills Center will answer questions about study skills help.

Advance registration is necessary. Call 373-1536 to add your name to the list or for directions or more information.

## Winter quarter registration

Registration for winter quarter classes begins later this month. Dates are given here for mail and in-person registration. Be sure to see the bulletin, pages 20-24, for registration instructions.

Registration in Extension classes is on a first-come, first-served basis. Many classes fill early. Prompt registration by mail offers you the best opportunity to get into a limited-enrollment class.

### MAIL REGISTRATION

**November 18 to December 18:** Registration forms with tuition checks will be accepted by mail for all winter classes

(registrations received before November 18 will be returned).

Students must include a separate check for each limited-class registration; nonlimited classes may be paid for with one check.

Fill out the registration form completely. Social security numbers and birth dates are required for coding purposes.

### IN-PERSON REGISTRATION

**December 10 to December 18:** In-person registration at 101 Westbrook Hall, Minneapolis campus; MacPhail Center, 1128 LaSalle Ave., in downtown Min-

neapolis; downtown St. Paul Skyway Registration Booth in the Norwest Center. See the Bulletin, page 15, for hours.

**December 18:** Last day to register without a late fee. Students who reserve spaces in limited classes during in-person registration must pay tuition by this date or lose their spaces in classes.

To request registration forms, the Extension Classes bulletin, or alternate choice forms, call 376-3000.

Winter quarter classes begin the week of January 6.

## Spring semester registration

Spring semester registration will run simultaneously with winter quarter registration again this year (except that mail and in-person registrations will be accepted much later, through February 5, for spring semester classes).

The important days and special procedures to note are:

- Registrations by mail will be accepted starting November 18.
- If you reserve space in a limited class during in-person registration, you must pay tuition by February 5 to complete registration; otherwise your space in class will be forfeited.
- The extended registration by mail and in person, after the close of the regular winter quarter registration period on December 18, is December 27 to February 5. Because classes are not in session for part of this period, and because of holiday closings, office hours vary. Check the office hours on pages 27-28 in the bulletin before stopping in at the campus registration office to register in person or pay tuition.
- February 5 is the last day to register without a late fee for spring semester classes.

Departments offering some semester-length classes include chemistry, Chinese, economics, German, Japanese, mathematics, physics, psychology, and real estate.

See Page 17 in the bulletin for complete information.

Spring semester classes meet February 17 through June 14 (15 weeks).



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Second class postage paid, Minneapolis, Minnesota

## CEW: women and the world

The Continuing Education for Women series, **Ten Years After: 10th Anniversary of the International Women's Year**, resumes this fall with a class on women as activists and a special study group on international women's issues.

As groups like WAMM (Women Against Military Madness) and MADD (Mothers Against Drunk Drivers) illustrate, women are a major force in today's activist movements. **Women: Activists and Volunteers** examines the history and current status of women's participation in volunteer and activist groups, and how being a volunteer can build activism. Meets Tuesday evenings beginning November 12.

Meet with other women to discuss significant issues affecting women around the world. **Women's Issues Worldwide: A Study Group** will examine international feminism; the impact of multinational corporations on lives of women in third world countries; women's roles in production, distribution, and processing of food in developing nations; and women's organizations, cooperatives, and bureaus worldwide. Meets Tuesday evenings, once a month, beginning January 7.

For more information and a brochure, call CEW at 373-9743.

### About financial aid

A free workshop on financial aid options will be offered by the Extension Counseling Office on Monday, December 2, 6 to 8 p.m., in Nolte Library.

If you would like to attend this workshop, call or write Extension Counseling, 314 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455; (612) 373-3905. Leave your name and a daytime phone number. Space is limited.



### For a campus escort, call 376-WALK

The University Police Department offers escort service for students walking alone across the Minneapolis campus in the evenings.

Extension students leaving classes may call 376-WALK to request a campus safety escort.

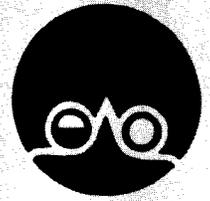
Callers are walked to their destination. The security escorts can go short distances off campus. Escorts generally will wait with callers at bus stops or in parking lots until the car is started.

The escort service is available Sunday through Thursday nights from 6 p.m. to 1 a.m. during the school year.

Info / 6 / November 1985



Continuing Education  
and Extension



UNIVERSITY  
OF  
MINNESOTA

Info (USPS 711-240)  
Extension Classes  
University of Minnesota  
180 Westbrook Hall  
77 Pleasant Street S.E.  
Minneapolis, MN 55455

## student board

### Dear Extension Student:

The Extension Classes Student Board needs your help.

Since there are only a few student board members to represent 40,000 Extension students, there is no way we can address all your concerns. We would like to have any ideas, thoughts, complaints, or comments you might have about Extension classes and your education at the University of Minnesota.

The Extension Classes Student Board has a dedicated group of members this year, and Continuing Education and Extension does a great job of supporting the board and listening to students. But to be most effective, your input must be present.

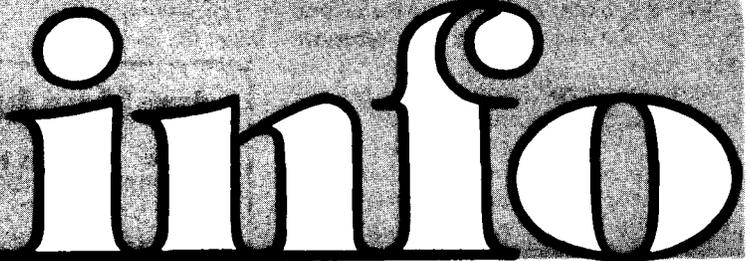
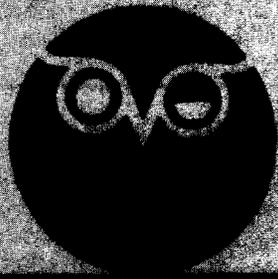
Student board meetings are held on the first Friday of each month at 6 p.m. in the Nolte Center Library. The meetings usually are not long, and we hope to have special guests during the year. If you get a chance, stop by and listen. Is a couple of hours once a month really that much to give up when it relates to your classes and school?

If you do have any questions or comments, please direct them to me or the board in care of Extension Classes, 180 Westbrook Hall (telephone 376-7500).

Finally, there are still a few available positions left on the Extension Classes Student Board. If you are interested in joining, please contact Extension Classes.

**Chuck Armstrong**  
Chairperson,  
Extension Classes Student Board

mkc  
REV 2/81



# The \$10,000 challenge

by **Claire Olson, Development Officer**  
**Continuing Education and Extension**

An anonymous donor has promised \$10,000 to Continuing Education and Extension to start a scholarship endowment fund if we can match her gift with another \$10,000 in contributions.

This is a golden opportunity to start a scholarship fund for Extension students--a fund that will be available year after year to help students (like you, perhaps) who can't be helped by the standard financial aid programs. Each year more than 200 applicants who don't meet guidelines for traditional programs must be turned away, according to the Extension Counseling Office.

Reasons for ineligibility vary, but here are typical cases:

- Although he lives on a very tight budget with no discretionary income, Jerry still makes enough so that he is slightly over the income limit and doesn't qualify for aid (if you make even a dollar over the cutoff point, you're out).
- Sally is an entry-level clerical worker. She wants education to help her toward a more promising career, but she can't

get tuition help from her employer and makes too much to get state or federal aid.

- Marian is recently divorced, "owns" a house, and is supporting three children with little help from her ex-husband. If she sold her house, she might be eligible, but does it make sense to pay more for rent than for house payments?

- Robert has a B.A. degree, but he hasn't been able to find a good job. He wants more education to gain marketable skills, but the completed degree disqualifies him from aid.

We could go on, but these examples make the point. There are many people, including the temporarily unemployed, who fall between the cracks. They are genuinely in need of financial aid, but they can't receive aid through most established programs. This scholarship program will help fill that void.

We have named this endowment **The Nolte Fund** after Julius M. Nolte, the distinguished former Dean of Continuing Education and Extension, who did much to make the Extension programs you now enjoy a reality.

**Your tax-deductible contribution to The Nolte Fund will help us meet our**

**benefactor's \$10,000 challenge.** You can help our donor spend her money wisely, and you can help Extension students get the education they need to fulfill their career and personal goals.

Here's the challenge to readers of Info. **Will you be one of 200 readers to send in a \$10 contribution?** If 200 readers send in \$10 each, this will make an impressive start of \$2,000. That's 20 percent of the total \$10,000 match needed and a great beginning to our first focused scholarship drive!

Please clip the form below, fill it out, and send it in with your contribution.

## Holiday closings

**All registration offices are closed December 19-20 to process winter quarter registrations.**

**Offices are closed December 24-26 and January 1 for the holidays.**

**Yes, include me as a contributor to The Nolte Fund.**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Telephone \_\_\_\_\_

Amount enclosed: \$100 \_\_\_\_\_ \$50 \_\_\_\_\_ \$25 \_\_\_\_\_ \$10 \_\_\_\_\_ Other \$ \_\_\_\_\_

**Make check payable to:** University of Minnesota: The Nolte Fund  
**Send to:**

The Nolte Fund  
Continuing Education and Extension  
150 Wesbrook Hall  
77 Pleasant Street S.E.  
Minneapolis, MN 55455

**Your contribution is tax deductible.**  
**Thanks for your help.**

# CEW: women in science, women at work

Continuing Education for Women (CEW) this winter presents a new winter quarter seminar, **Issues of Women Scientists**.

Although more women have entered scientific occupations in recent years, science is still primarily a male field. Women employed in organizations doing scientific work may, therefore, have difficulties in advancing, getting recognition for accomplishments, getting help with family responsibilities, maintaining good relationships with male and female colleagues, and influencing organizational policy.

Meets Tuesdays, 5:30-8:30 p.m., January 21-March 4 at the Science Museum of Minnesota. Call 373-9743 for more information.

★ ★ ★

Have you thought about starting a business in your home and wondered how to begin?

**Careers at Home: The Entrepreneurial Woman** will give you information on developing business plans; legal aspects of the home-based business; record keeping; financial resources; marketing the home-based business; and tax considerations. You will receive specific advice and information from experts and will hear the personal stories of women who have started their own home-based businesses. Saturday, January 25, 9 a.m.-4 p.m.



## Career planning starts with you

Extension Counseling will offer a Career Planning Workshop beginning in January. Workshop participants will evaluate their skills, values, and interests through structured exercises, learn how to research occupational alternatives, and develop action plans for change. The workshop will meet Wednesdays, 6 to 8 p.m., January 8 to February 12. Cost is \$105. Call 373-3905 for registration information.

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For further information and to receive a brochure, write to Continuing Education for Women, 200 Westbrook Hall, 77

Pleasant Street S.E., University of Minnesota, Minneapolis, MN 55455. Or call 373-9743.

## bulletin changes . . .

(Room changes will be posted in the classrooms)

### COURSE

Educ 5202, sec 1  
Educ 5411, sec 1  
Arch 5128, sec 2  
Arts 3120/5120, sec 2  
  
Arts 3410/5410, sec 3  
  
Arts 3420/5420, sec 11  
Arts 3420/5420, sec 20

### CHANGE

Canceled (was changed to fall)  
Change to winter quarter  
Change to winter quarter  
Added Section: **Painting**, Winter quarter, sec 2, W, 6:10-9:40, ArtB 151, Rowan  
Added: **Art and Computer**, 3 degree credits, \$122.25 plus \$40 course fee plus \$5 special fee; total \$167.25. Winter quarter, sec 3, T, 6-10, PeikH 355, Sullivan.  
Canceled  
Added: **Workshop: Advanced Computer Graphics and Animation**, 3 degree credits, \$122.25 plus \$40 course fee and \$5 special fee; total \$167.25. Winter quarter, sec 20, Th, 6-10, PeikH 355, Sullivan.  
Change to winter quarter  
Change to winter quarter  
Canceled  
Change day to Tuesday, JonesH 11  
Change to winter quarter, MurH 308  
Change to winter quarter, room arr  
Change to spring quarter  
Change day to Thursday, PeikH 46  
Change course number to 5100, sec 7  
Added: **Topics: Health Care in Literature**, 3 degree credits, \$155.25. Winter quarter, sec 3, Th, 4:15-6, HSUnitF 2-140, Galle.  
Added: **Computer Applications for Health Providers**, 3 degree credits, \$155.25 (1 additional credit available for computer project, \$51.75). Winter quarter, sec 1, T, 4:15-7, PWB 2-470, Gatewood.  
Added: **Topics in European History: The Industrial Revolution**, 4 degree credits, \$163. Winter quarter, sec 1, W, 6:20-8:50, SocSci 628.  
Added: **Topics in Management Science**, 3-5 degree credits (1-2 cr term paper option), \$49 a credit. Winter quarter, sec 2, MW, 4:15-5:45, MechE 221, Barnett, Starr.  
Added: see HSU 5018 above (tuition \$196.50; additional cr \$65.50).  
Added: **Nursing and the Legislative Process**, 3 credits, \$183.75. Winter Quarter, sec 1, W, 3:15-5, State Capitol (also offered spring).  
Canceled  
Canceled (was offered fall quarter)  
Change course number to 5944  
Canceled (was offered fall)  
Change to winter quarter, TTh, 4-6, RarigC Studio E or PalmC 15 (StP)  
Canceled  
Change time to 4:15-6  
Change to Thursday  
Change to winter quarter, Th, 1:15-3  
Canceled  
Canceled  
Change to Nolte Center  
Change time to 1:30-3  
Added: **Issues of Women Scientists**, no credit. See related story or call CEW, 373-9743.  
Canceled

CSci 5117, sec 1  
Dnce 1125, sec 1  
Dtch 3310, sec 1  
EPsy 5600, sec 1  
EPsy 5615, sec 1  
EPsy 5672, sec 1  
Elem 5315, sec 1  
Elem 5316, sec 2  
Engl 5910, sec 1  
Engl 5910, sec 3

HSU 5018, sec 1

Hist 5200, sec 1

IEOR 5445, sec 2

LMed 5346, sec 1

Nurs 5722, sec 1

Phys 5952, sec 1  
PA 5102, sec 1  
PA 5550, sec 1  
PA 5701, sec 1  
PubH 3301/5301

Rhet 5600, sec 1  
SHCE 5305, sec 1  
SPFE 5101, sec 1  
SPFE 5102, sec 1  
Span 1503, sec 1  
WoSt 3501, sec 1  
CEW O504, sec 1  
CEW O506, sec 1  
CEW O618, sec 1

IC O100, sec 1

# Winter quarter course notes

## Architecture professionals

Continuing professional education for architects is available through a special series of noncredit courses offered through Extension Classes. **Arch 0002 Architecture Practice and Management Course, Series II** provides opportunities to review and extend career plans and to examine the organizational, business, legal, and financial aspects of practice. Topics: producing the project; project budgeting and scheduling; contract documents, bidding; written and graphic techniques; governmental standards; costs estimates; insurance and bonds. No credit, no prereq; tuition \$120 plus \$12 special fee, total \$132. Winter special term, Jan. 13-Mar. 24, M, 6:30-9:30 p.m., Arch 50, Lindeman. Call 373-5166 for information.

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## B.S.B. students note

Students in degree programs in the School of Management should note changes in course options that resulted from curriculum revision in Logistics Management courses (formerly Transportation and Business Logistics, Tran).

**LM 3000 Introduction to Logistics** is now the elective core course in the undergraduate management program

(instead of Tran 3054 Fundamentals of Transportation).

The old Tran 3054 has been replaced by **LM 3010 Principles of Transportation**; this course may be used for general upper division elective credit.

★ ★ ★

## Spring forward...

**Mgmt 3008 Entrepreneurship and the Smaller Enterprise**, listed as a new course in last month's **Info** and mentioned in other winter quarter promotion, has been changed to spring quarter. Day and time remain the same (Wednesdays, 5:30-8:15). Spring registration by mail begins February 17.

★ ★ ★

## Added literature course: healthy reading

**Engl 5910 Topics in English and American Literature: Health Care in Literature**. Health care issues in literature, including **Cancer Ward, As We Are, The Elephant Man, and Love Among the Ruins**. Terminal care, patient-practitioner relationship, the elderly patient, mental health and madness, scientific research, and the politics of health-care institutions. (No prereq. Qualified students may register for graduate credit at the University of

Minnesota. Meets concurrently with HSU 5029 and SHCE 5305). Winter quarter, sec 1, Th, 4:15-6, HSUnitF 2-140, Galle.

★ ★ ★

## People and pets

**PubH 3301/5301 Interrelationships of People and Animals in Society Today**, a popular introductory course that reviews the impact that pets can have on people and the roles animals play in different cultures and in social and health issues, has been changed from spring to winter quarter. See the course description on page 380 in the bulletin, but note these changes: the course now is offered for 4 credits, tuition \$207; meets TTh, 4-6, RarigC Studio E or PalmC 15 (STP).

★ ★ ★

## The Global Campus



Deadlines are here for study abroad programs offered in Mexico this winter by the Extension Classes Office of Study Abroad.

**Spanish in Cuernavaca**: Spanish language and culture courses (12-14 credits). Students stay with Mexican families as part of the program.

**Anthropology in Mexico**: Courses focus on people and cultures of Middle America and cultural change and developments; Spanish language course, also (12-13 credits). Students study at Cemanahuac educational institute in Cuernavaca, a cultural and arts center.

Call 373-1855 for information about these programs and spring quarter programs in London, Sweden, and France.

## How to find college dollars

A workshop for Extension students who want information about financial aid options and eligibility requirements will be offered on Monday, January 6, from 6 to 8 p.m., in Nolte Center 235.

If you are interested in attending this workshop, please call or write the Extension Counseling Office, 314 Nolte Center,

315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455; telephone 373-3905. Be sure to give your name and a daytime phone number.

If you are unable to attend the workshop, feel free to contact an Extension counselor or adviser at 314 Nolte Center (373-3905) for information.

### UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO USPS 711-240

Registration Office: 101 Wesbrook Hall  
Telephone 373-3195

Charles R. Cheesebrough  
Editor

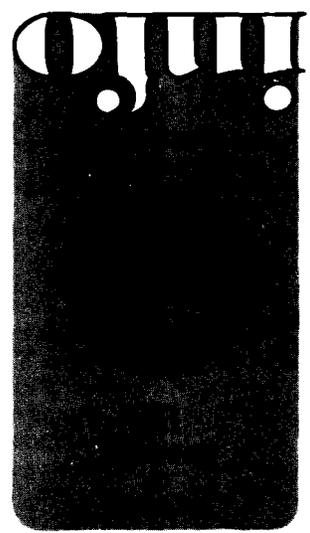
**Info** is a newsletter for University of Minnesota Extension Classes students. It is published 9 times a year - August, September, October, November, December, January, February, March and April-May by the Department of Extension Classes, 180 Wesbrook Hall, University of Minnesota, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel of this issue.

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, religion, color, sex, national origin, handicap, age or veteran status.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

## Correction

In the October issue, two Sampler lecture instructors were incorrectly identified as adjunct faculty in the Department of Anthropology. Skip Messenger teaches anthropology at Hamline University and is an adjunct faculty member in the Center for Ancient Studies; Phyllis Messenger is a graduate student in anthropology.



To correct your name or address on our lists, send the entire address panel and mailing label from your **Info** to Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

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## Winter quarter registration continues

Registration for winter quarter Extension classes is open now through December 18.

You may register by mail through that date, or stop by and register in person from December 10 to 18 at the locations listed below.

Registration in Extension classes is on a first-come, first-served basis. Some high-demand classes, or certain sections of them, have already filled.

When you reserve space in a limited-enrollment class in person, you must pay tuition by December 18 to complete

registration; otherwise, your space in class is forfeited.

**The last day to register without a late fee is December 18 for most winter quarter classes.**

Late registration by mail with a \$5 late fee starts December 19. Late registrations are accepted in person at 101 Westbrook Hall (only) starting December 23. See page 15 in the Extension Classes Bulletin for a summary of dates and hours for winter registration (including late registrations).

Offices are closed December 24 to 26.

Call 376-3000 to request a copy of the Extension Classes Bulletin or registration forms.

## Day classes are open to you, too

In addition to over 2,000 evening and late afternoon classes listed in the 1985-86 Extension Classes bulletin, many day school classes are open to Extension students this year as joint day/Extension classes.

Registration is through the Extension Registration Office in 101 Westbrook (not the Registration Center in Fraser Hall). Students enrolled at the University through the day school may not register for day classes through Extension.

Check the course offerings section of the bulletin for those departments that will offer joint day/Extension classes this year. A boxed-in note appears near the beginning of the department's course listing.

Some of the departments that will open many or all day classes to Extension students this year are English, animal science, geography, civil engineering, biology, anthropology, political science, several foreign languages, mathematics, General College, and many more.

Call a 376-3000 about two weeks before mail registration starts each quarter to request a day school Class Schedule and registration instructions. In the Class Schedule, see the section entitled "Courses Open Through Extension Classes" for a list of joint day/Extension classes.

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### IN-PERSON REGISTRATION LOCATIONS—DECEMBER 10-18

- **101 Westbrook Hall, Minneapolis campus.** hours are 9 a.m. to 8 p.m. Monday thru Thursday; 9 a.m. to 4:30 p.m. on Friday.
- **MacPhail Center, 1128 LaSalle Avenue, downtown Minneapolis.** Hours are 9 a.m. to 7 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday.
- **Skyway Registration Booth, Norwest Center, downtown St. Paul.** Hours are 9 a.m. to 5 p.m., Monday through Friday.

**All registration offices are closed weekends.**

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## Give your parents a gift

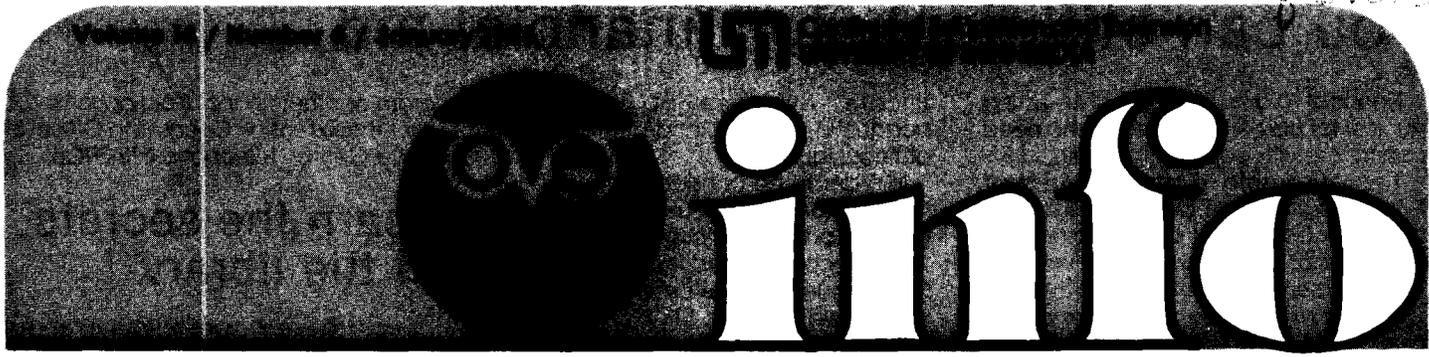
Send your parents to college this winter through Winterhostel, a January version of the popular Elderhostel program usually offered summers.

Winterhostel is a learning opportunity for those 60 and older. Participants take specially designed college-level but noncredit classes. Sessions meet at Lyman Lodge YWCA on Lake Minnetonka for one week, January 26 to February 1 (so they won't even have time to write home for money).

Cost is \$195 for lodging, meals, instruction, and most extracurricular activities. Classes include: **Events Small and Great Changed the World: You Were There!; We Laugh, We Cry: Films That Touch Our Lives; From Scandinavia to Minnesota: The Promise of America in "Vesterhelm."**

For information about an Elderhostel gift certificate, or for registration materials, call 373-5167.

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## Smart parking curbs problems

Building construction (on the East Bank) and snow banks (everywhere) have reduced the number of convenient parking spaces on campus.

But with a little pre-planning, and familiarity with available options, you literally can drive right to a parking place in most cases. More than 6,000 spaces adjacent to or on campus are open each evening, according to the University's Parking Services office, and

hundreds more are serviced by inter-campus buses.

The best way to get a parking place is simply to arrive early. In addition to the regular public parking lots and ramps, some contract lots (those reserved for University staff during the day) open to public parking at 4:30 p.m. However, do not park in contract lots where there is no attendant on duty to take your money; your car may be ticketed and

towed. (NOTE: On the St. Paul campus, contract lot SC 167 is contract-only at all times; lots SC 168 and SC 169 generally open to public parking.)

Occasionally, when special events such as concerts and athletic events are scheduled, some garages or lots may be by reservation only. Also, rates may vary depending on special events and proximity to campus. Some lots permit parking by pre-purchased coupons only. For information about rates, availability of particular ramps or lots, and coupon-only lots, call 376-PARK or 373-3288.

Call 376-3000 to request map reprints (or see the parking maps in the bulletin, pages 609-619).

For information about intercampus buses, which serve the 700-space Como Avenue commuter lot at Como and 29th Avenues S.E., call University Transit Services at 373-0374. Buses run at 20-minute intervals in the evenings (after 6:25). Fare is 30 cents each way from the parking lot to campus (payable as you get on or off the bus at the parking lot). Parking is free and this lot seldom is full.

For information on parking for the handicapped, call the University Police Department at 373-3550. Handicapped parking spaces are available on campus, and most are close to major classroom buildings and recommended handicap routes.

For information about the evening security escort service, call 376-WALK.

## Spring semester registration

Registration is open now for spring semester courses and continues in person and by mail through February 5.

Departments offering some semester-length courses (15 weeks) include chemistry, Chinese, economics, German, Japanese, mathematics, physics, psychology, and real estate. Spring semester classes meet February 17 through June 14.

In-person registration is at 101 Westbrook Hall on the Minneapolis campus. Office hours are reduced between quarters, so be sure to check the office hours schedule given on pages 27-28 in the bulletin. Once winter quarter classes begin (Monday, January 6), the office is regularly open Monday through Thursday until 8 p.m. and Friday until 4:30 p.m.

See page 17 in the bulletin for complete registration information about spring semester. Registration procedures are described on pages 20-25.

February 5 is the last day to register without a late fee.

To request registration forms or an Extension Classes bulletin, call 376-3000.

## Old Man Winter and Mother Nature win another one

Winter weather in the 1980s has been hard on Extension classes.

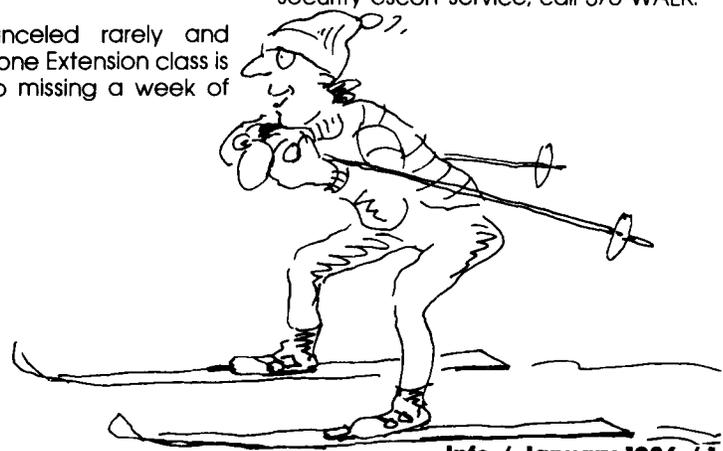
In the last three years, the University has been forced to cancel classes six times because of bad weather. Previously, in the 1960s and 1970s, the University had closed only a couple of times.

The University closed December 2 because of weekend snowstorms that brought over 20 inches of snow to the Twin Cities.

When Extension classes are canceled, there will be an announcement broadcast on KUOM radio (770 AM) at 4 p.m. (or earlier). Other local radio and television stations generally are notified and also carry the announcement.

Listen for the announcement; it is the quickest and easiest method of obtaining the information.

Classes are canceled rarely and reluctantly. Missing one Extension class is often equivalent to missing a week of day school classes.



# You can still apply for financial aid

Financial aid is available for spring quarter for part-time students who need assistance with educational costs.

The Minnesota Part-Time Student Grant Program can be used for tuition and fees, books and supplies, transportation, and child care costs incurred while students are involved in classes. The grant may supplement other aid, including Pell Grants.

Eligibility criteria are Minnesota residency, U.S. citizenship or permanent residence, part-time registration, no prior bachelor's degree, enrollment in course work leading to a degree or cer-

tificate, evidence of satisfactory academic progress, and demonstration of financial need.

In order to be considered for MPTSGP funds, students' household incomes (federal adjusted gross income plus un-taxed income) must not exceed the following levels: one-person household, \$9,775; two persons, \$13,425; three persons, \$16,675; four persons, \$20,675; five persons, \$22,225; six persons, \$23,875; seven persons, \$25,700; eight persons, \$27,425; nine or more persons \$29,425.

For more information about the Minnesota Part-Time Student Grand Pro-

gram or other financial aid options, contact the Extension Counseling Office, 314 Nolte Center, telephone 373-3905.

## Learn the secrets of the library

Learn to use libraries efficiently and effectively through the free library course this month.

The noncredit class meets two Wednesday evenings, January 15 and 22, 6:30-9, in Law 1 on the West Bank. The instructor is Marcia Pankake, assistant professor in the library. No advance registration is required.

The first session shows you how libraries are organized and means of access to information in libraries. The second class introduces reference books and shows you how resources are organized in various subjects. This can help you find information you need, especially for term papers or research projects, even when you don't know the subject well.

The course content applies to all libraries, but special attention is given to University of Minnesota libraries.

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Extension students enjoy the same library privileges as other University students and may check out books from University libraries.

The University has several libraries, and books in some subjects are housed in buildings other than Wilson Library (West Bank), Walter Library (East Bank), and the St. Paul Campus Library. For example, there are separate libraries for architecture, journalism, and biomedical books and periodicals.

For information about University library hours and locations, call general library information at 373-0066. You must present a current paid fee statement (your receipted copy of the registration form) when borrowing books from University of Minnesota libraries.



## winter course notes . . .

Two courses in the Certified Financial Planner program, a six-course series leading to preparation for exams for students seeking a CFP professional designation, begin this month.

**CFP 0002C Risk Management (Course II)** and **CFP 0005C Employee Benefits and Retirement Planning (Course V)** are listed under Insurance in the bulletin (see page 294). For more information about the CFP program, call Extension Classes at 373-5166.

★ ★ ★

Three new training and development courses have been added for winter through the Department of Vocational and Technical Education.

**VoEd 5750 Training in Industry and Business.** Analysis, design, development, delivery, evaluation. Winter quarter, sec 1, 4 degree credits, \$202, Th, 6:45-9:45, VoTech R380, StP Campus.

**VoEd 5770 Using Interactive Video In Training and Development.** Winter spec term, sec 1, 2 degree credits, \$101, Feb. 15 and Mar. 1 (2 meetings), Sa, 8 a.m.-5, VoTech 230, StP Campus.

**VoEd 5770 Management Training Practices.** Winter quarter, sec 2, 4 degree credits, \$202, M, 6:30-9:30, VoTech R285, StP Campus.

Graduate credit is available to qualified students. Space is limited. Register in 202 Wesbrook Hall. Call 376-7389 for information.

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**HSU 5034 Scientific Information Research Strategies** is an added winter quarter class. How to conduct library research and manage recorded information; MEDLINE search; bibliographies on microcomputer disk. Winter quarter, sec 1, 2 degree credits, \$103.50, W, 4:15-6. Register in 101 Wesbrook Hall.

The one-day seminar on child abuse and neglect, taught by Robert ten Bensel, M.D., will be repeated next month.

The course is intended for teachers, day care providers, medical personnel, helping professionals, police, clergy, and parents.

**Child Abuse and Neglect Seminar** (PubH 5640, one credit, \$69.75) meets Saturday, February 22, St. Paul Student Center, 8 a.m. to 4:30 p.m. Causes, symptoms, and prevention of child abuse. Historical overview, terminology, role of schools and community. Tuition includes lunch and workshop manual. No prereq; graduate credit available. Noncredit registration is \$44.

For registration materials, call 373-1855.

## Career planning starts with you

A career planning workshop, sponsored by the Extension Counseling Office, will be offered February 17 to March 24 (six sessions), Mondays, 6 to 8 p.m.

Workshop participants will survey skills, interests, and values to help clarify their career objectives. Students will complete an interest inventory and learn techniques for setting goals and making decisions. Cost is \$105.

A set of tests designed to measure interests, values, and other aspects of personality related to academic and career objectives also is available from the Extension Counseling Office. Test results are reviewed both in groups and individually with a counselor. Cost is \$80 for students and \$125 for others. Call 373-3905 for information.

# Informal Courses—light and lively learning

Winter term noncredit Informal Courses have a practical, how-to-do-it emphasis this year in many areas in the arts, the outdoors, and personal improvement.

Informal Courses are short-term classes that bring you college learning without the grades, exams, and obligations of earning credit. A few are highlighted below, but see the Informal Courses section of the bulletin, pages 473-505, for complete course listings and descriptions. Registration is open now; don't delay. Most classes meet four to seven times and begin in mid-January.

## Arts and humanities

**IC 0113 Music: How to Listen to It.** Basic elements, great composers, musical concepts.

**IC 0156 Your Home: Design Considerations.** Planning construction or selection; lifestyle, energy, practical concerns.

**Plus:** storytelling, understanding movies.

## The natural world

**IC 0220 Field Study of Winter Wildlife.** Adaptive behavior, techniques in the field; field trips.



**IC 0226 Ecology and Management of Minnesota Fish.** Fish biology, fish management, limnology, population dynamics, species traits.

**IC 0240 How Birds Work.** Biology and physiology, flight, migration and navigation, annual cycles, climatic adaptation; field trip to raptor clinic.

**Plus:** coral reefs and diving, natural history drawing, horse care, sailboat cruising, animal ecology lecture series.

## Career, personal growth

**IC 0416 Effective Time Management.**

**IC 0584 Italian for Travelers.** Basic vocabulary, changing money, buying tickets, accommodations, directions, using phones, post offices, ordering meals.

**IC 0596 Introduction to Word Processing.** Ten hours of hands-on experience.

**Plus:** career decision making, effective listening, slide shows, Spanish for travelers—intermediate level.

## Brighten your winter with CEW noncredit classes

Can't get away this winter? Give your mind an escape from the gray days of winter with a new and stimulating CEW noncredit class.

India has fascinated generations of travelers and students. **Arts and Culture of India** examines the interplay of culture, religion, and geography as revealed in myth, literature, and art. Begins January 27, 10 a.m. to noon.

**Mothers of Invention** looks at the historical record of women inventors, their inventions, and the social and cultural environment which encourages or impairs their creative work. Begins February 7, 10 a.m. to noon.

Our urban landscapes are changing. **Urban Redevelopment: The Process and the Results** examines the process of redevelopment; who decides what, when, and where; how such development occurs; and which types of redevelopment are working. Examples from the metropolitan area will be discussed. Begins February 4, 1:30 to 3.

These courses are offered at MacPhail Center, 1128 LaSalle Ave., in downtown Minneapolis convenient to bus lines. For further information or to receive a brochure, call 373-9743.

## bulletin changes . . .

(Room changes will be posted in the classrooms)

COURSE	CHANGE
Elem 5315, sec 1	Change to spring quarter
Mgmt 3008, sec 1	Change to spring quarter, People's Center, room 214
Nurs 5700, sec 2,3,4	Canceled
Phys 5952, sec 2	Canceled
SeEd 5175, sec 1	Change to spring quarter
CEW 0504, sec 1	Moved to Nolte Center Library
CEW 0506, sec 1	Change time to 1:30-3
CEW 0618, sec 1	Added: <b>Issues of Women Scientists</b> , no credit, \$265 (lecture series, includes dinners). Winter spec term, sec 1, T, 5:30-8:30, Jan. 21-Mar. 4, Science Museum of Minnesota, Anderson.
IC 0100, sec 1	Canceled
IC 0240, sec 1	Change dates to Jan. 27-Mar. 3

## UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO USPS 711-240

Registration Office: 101 Wesbrook Hall  
Telephone 373-3195

Charles R. Cheesebrough  
Editor

Info is a newsletter for University of Minnesota Extension Classes students published 9 times a year – August, September, October, November, December, January, February, March, and April-May—by the Department of Extension Classes, University of Minnesota, 180 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. POSTMASTER: Send address changes to Info, Extension Classes, University of Minnesota, 180 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

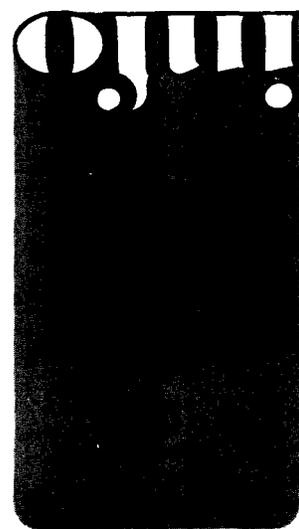
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## Samplers: a little class for a dollar

Samplers are back with a new line-up of topics for winter-spring 1986, from the master of suspense, Alfred Hitchcock, to the masterful Metropolitan Opera and its Minnesota finale.

Sampler lectures are one-evening presentations by experts that offer insight into topics of interest to almost everyone.

Admission is \$1 payable at the door; no advance registration is necessary. Persons 62 and older are admitted free.

All Samplers begin at 7:30 p.m. and are held at the Earle Brown Continuing Education Center on the St. Paul campus. Free parking is available adjacent to the center.

**Why Should We Take Alfred Hitchcock Seriously? (January 30).** Thomas Russell, lecturer, English.

**The Natural History of the Swedish Countryside (February 4).** David E. Johnson, and Ann Sigford, naturalists.

**Conflicting Perspectives: Arms Control and American Security (February 10).** Joseph Goldman, Visiting Assistant Professor, Political Science.

**The Mothers of Invention (February 18).** Fred Amram, Professor, General College.

**Women's Textile Arts: The Art of Everyday Life (February 27).** Catherine Daly, instructor, Design.

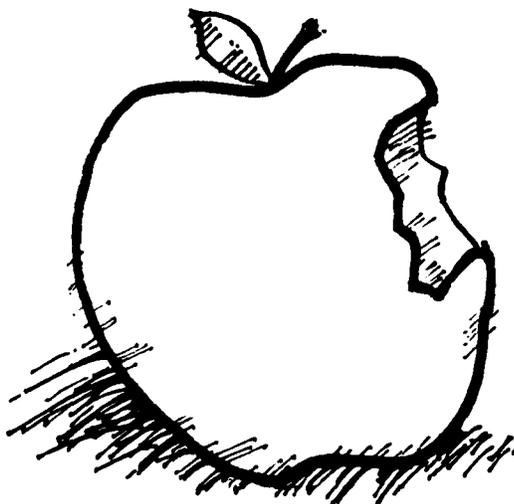
**Lakes in All Seasons (March 11).** Elizabeth Elleby, graduate student.

**The Visual Aesthetics of Antique Toys (April 9).** David Feinberg, Associate Professor, Studio Arts.

**Minnesota Archaeology: The Little Rapids Project (April 16).** Janet Spec-  
tor, Associate Professor, Anthropology.

**Risk Taking: A Positive Approach (April 22).** Gloria Wood, counselor, General College.

**Spring Flowers of Minnesota (May 6).** Shirley Kooyman, instructor, Minnesota Landscape Arboretum.



**A Preview of the 1986 Metropolitan Opera Season (May 14).** Stanley Engbretson, instructor, School of Music.

## student board

**Dear Extension Student:**

Welcome back to a fresh quarter and a new year.

The Extension Classes Student Board is now preparing agendas for upcoming meetings. Much attention will be devoted to Extension students and their classes.

Several issues related to degrees and courses, the Commitment to Focus, and student government are under review. The student board will have important opportunities for input and a chance to influence the role of Extension within the University—a relationship that significantly affects you, the Extension student.

The Extension Classes Student Board wants your help. The board members are dedicated and talented, but there is always a need for new ideas and additional input.

The student board meets on the first Friday of each month, at 6 p.m., in the Nolte Center Library. Try to attend. Several key speakers and guests are scheduled who will address the issues mentioned above.

Finally, openings for additional board members still exist. If you are interested, please call Extension Classes at 376-7500 for information.

See you at the next meeting!

**Chuck Armstrong**  
 Chairperson,  
 Extension Classes Student Board

## Financial aid workshop

A free workshop about financial aid options will be offered by the Extension Counseling Office on Wednesday, January 29, 6 to 8 p.m., in 235 Nolte Center on the Min-

neapolis campus.

If you would like to attend this workshop, contact the Extension Counseling Office, 373-3905. Space is limited.



## Extension counseling—still growing strong

Much has changed in the Extension Counseling Office since it was started as a central advising office for evening students 20 years ago.

But there has been one important constant, too. Vera Schletzer, a re-entry student herself, has been the counseling office's only director.

Schletzer returned to graduate school in the 1950s when adult students were rarer than they are now. She earned a Ph.D. in psychology and became a licensed consulting psychologist.

She has guided the office, since beginning it with a staff of three people in January 1966, into one of the largest

advising units of its kind in the country, now serving over 17,000 part-time, adult, and nontraditional students a year.

### About the counseling office

The counseling office has 25 employees, including a professional staff of 17 program advisers and licensed counselors, who deliver integrated educational advising, Schletzer says. "I'm very proud of the staff and the model we have developed here," she says. Students get academic program planning, direction on administrative

procedures (especially admissions), financial advising, and career and vocational guidance all in one place.

The advisers are both generalists and specialists. As generalists, they are familiar with the range of degree and certificate options, requirements for admission and graduation, and the day-to-day procedures regarding transcripts, registration, and other details. Schletzer notes that the counselors stay in close contact with the University's colleges and undergo intensive training sessions each summer.

In addition, advisers also specialize in particular academic areas (such as engineering or pre-management) or services (e.g., financial aid advising) or in serving particular groups, such as those seeking vocational counseling or immigrants from Southeast Asia, Extension's newest constituency.

Financial aid advising, degree planning, and applications processing have become a more important part of the advising load in the last few years—especially since there are very specific procedures, forms, deadlines, and eligibility requirements that students must know about.

Efficient use of staff has come about through group advising efforts and workshops for introducing students to financial aid, career planning, and vocational interest testing.

**continued on page 3**

## Spring quarter registration

Registration for spring quarter classes begins later this month. Dates are given here for mail registration and in-person registration. Be sure to see the bulletin, pages 20-25, for registration instructions.

Registration in Extension classes is on a first-come, first-served basis. Many classes fill early. Prompt registration by mail offers you the best opportunity to get into a limited-enrollment class.

**February 17 to March 19:** Registration forms and tuition checks accepted by mail for all spring classes. (Registrations received before Feb. 17 will be returned.)

Include a separate check for each limited class; nonlimited classes may be paid for with one check.

Fill out the registration form completely. Social Security numbers and birth dates are required for coding purposes.

**March 11 to March 19:** In-person registration at 101 Westbrook Hall, Min-

neapolis campus; MacPhail Center, 1128 LaSalle Ave., downtown Minneapolis; and the St. Paul Skyway Registration Booth, Norwest Center, Fifth and Minnesota, downtown St. Paul. Weekdays only.

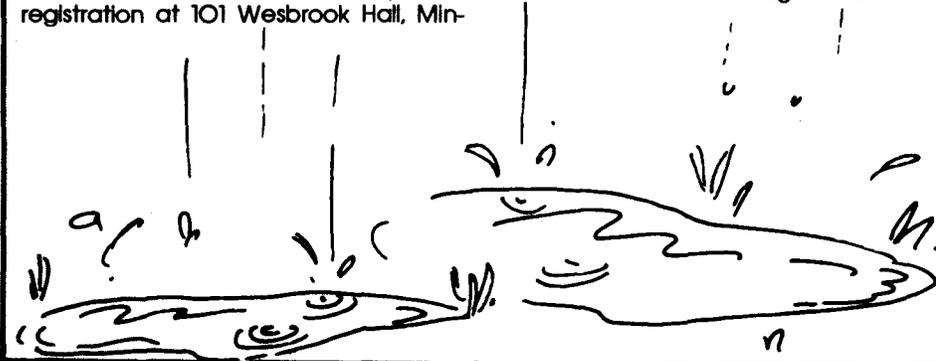
If you reserve space in a limited class during in-person registration, you must pay tuition by the last day of the regular registration period (March 19); otherwise, you forfeit your space in class.

See the bulletin, page 19, for complete details and hours.

**March 19:** Last day to register without a late fee for most spring quarter credit classes.

To request the Extension Classes Bulletin or registration forms. Call 376-3000.

Spring quarter classes begin the week of March 31 and run through June 14.



## Career fair is February 20

At the Career Information Fair, you can meet with representatives from business, government, and professional organizations to discuss career opportunities, expand your knowledge of the work world, and learn how to prepare for a particular career. Thursday, Feb. 20, 10 a.m. to 3 p.m., in the Great Hall at Coffman Union. Admission is free; for information, call 373-2818 or 373-3905. Sponsored by the Career Development Network and Coffman Union Program Council.

# Filing opens in March for senate seats

If you are interested in issues important to Extension students—course availability, graduate credit, lighting and security, student services, and Extension's role within the University—then consider running for the University Senate.

Eight elected Extension student senators (or alternates) will join faculty and day school student senators in the senate to consider both the University's internal affairs and place in the community.

You will also serve on the Extension Classes Student Board with other appointed board members and Extension staff.

Candidates must file for election between March 3 and April 4.

From April 28 through May 12, Extension students will vote in classrooms or by mail for senators and alternates.

To file as a candidate, you must meet these eligibility requirements:

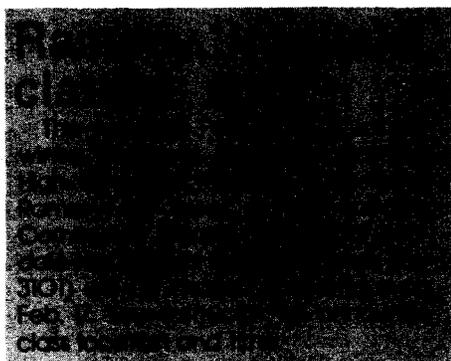
1. You must be carrying three credits through Extension at the time of election

## Women and work: politics and employment

Power and politics exist in nearly every workplace. Women moving into middle and upper management positions need to discover how power and politics can work for them rather than against them. Continuing Education for Women (CEW) presents a March workshop, **Women and Management: Positive Political Skills in the Workplace**.

The workshop will teach you how to advocate your own interests while contributing to the organization's goals. You will learn the political basis of organizations, male and female political systems, the concepts of power, and how to use power effectively and ethically. The political skills you will learn are not manipulative, nor are they designed to create winners and losers.

The workshop is for women who have had some managerial experience. Meets 8:30 a.m. to 4:30 p.m., Thursday and Friday, Mar. 20 and 21. Call CEW at 373-9743 for more information.



(spring quarter).

2. You must have earned a minimum of 12 University of Minnesota credits within the last five years.

Filing forms, election information, and details on the student board may be obtained at 180 Westbrook Hall on the Minneapolis campus; telephone 376-7500.

## bulletin changes . . .

(Room changes will be posted in the classrooms)

COURSE	CHANGE
Arch 0011, sec 1	Added: <b>Architectural Registration Exam (ARE) Review Course</b> , no credit, \$95. Spring spec term, sec 1, Th, 6:10-9, April 3-May 22 (8 meetings), Arch 25, Selberich.
Arch 0012, sec 1	Added: <b>Architectural Registration Exam (ARE) Review Course</b> , no credit, \$95. Spring spec term, sec 1, Sa, 9 a.m.-noon, April 5-June 7, Arch 30, Selberich.
Arch 5128, sec 2	Canceled
ArtS 3420/5420, sec 21	Added: <b>Workshop: Advanced Computer Graphics and Animation</b> , 3 degree credits, \$122.25 plus \$40 course fee and \$5 special fee, total \$167.25. Spring quarter, sec 21, Th, 6-10, PeikH 355, Sullivan.
ArtS 5420, sec 12	Canceled
Dnce 1125, sec 2	Added: <b>Ballet</b> , 1 degree credit, \$38.50. Spring quarter, sec 2, Th, 7-9, Norris 67, Varosh-Stromme.
Dtch 3011, sec 2	Change to MW, 4:50-7, KothH S139
Dtch 3310, sec 2	Change to MTh, 4:30-5:40, FolH 107
EdAd 5202, sec 2	Changed to spring quarter (from winter), sec 2, M, 4:15-6, PeikH 46, Mazzoni.
EdPA 5281, sec 1	Added: <b>Cost Analysis in Educational Evaluation</b> , 3 degree credits, \$151.50. Spring quarter, sec 1, W, 4:15-6, PeikH arr, Lewis.
EPsy 3606, sec 5	Change day to Tuesday
EPsy 5260, sec 6	Change day to TTh, NichH 109
EPsy 5604, sec 1	Canceled
EPsy 5606, sec 5	Change day to Tuesday
EPsy 5615, sec 1	Canceled
EPsy 5620, sec 2	Change time to 4:15-7
EPsy 5672, sec 1	Canceled
EPsy 5709, sec 1	Change to 2 degree credits, \$101
EPsy 5849, sec 1	Change to spring quarter, W, 4-6, EllH N508
Elem 5315, sec 1	Offered spring quarter, W, 4:30-6:15, ChDev 216
GC 1284, sec 2	Added: <b>Behavior Problems of Children</b> , 4 degree credits, \$154. Spring quarter, sec 2, M, 6-8:30, NichH 211, Moore.
GC 1557/3557, sec 1	Canceled
Geog 3131, sec 1	Change to MWF, 9:15 a.m.-10 a.m.
HiEd 5540, sec 1,3	Canceled
Hum 1002, sec 1	Canceled
Mgmt 3008, sec 1	Offered spring quarter, W, 5:30-8:15, People's Ctr 214
Nurs 5700, sec 3, 4	Canceled
Nurs 5722, sec 2	Added: <b>Nursing and the Legislative Process</b> , 3 degree credits, \$183.75. Spring quarter, sec 2, W, 3:15-5, State Capitol Bldg., St. Paul.
PA 5421, sec 1	Canceled
PA 5461, sec 1	Canceled
PubH 5064, sec 1	Canceled
PubH 3301/5301, sec 1	Canceled
Rhet 5561, sec 1	Added: <b>Advanced Editing Seminar: Electronic Publishing</b> , 2 degree credits, \$105. Spring quarter, sec 1, T, 4:30-6:15, HckrH 302, Mikelonis.
SeEd 5175, sec 1	Offered spring quarter, Th, 4:15-6, PeikH 46, Graves
Spch 5422, sec 3	Change to W, 6:20-8:50, FolH 308, Rarick
CEW 0110, sec 1	Added: <b>Feminist Perspective in Art</b> , no credit, \$45 (age 62, \$35). Spring spec term, sec 1, T, 5:30-7, April 15-May 13 (5 meetings), WARM Gallery, Minneapolis, Bart.
CEW 0617, sec 1	Added: <b>How To Conduct Meetings</b> , no credit, \$22 (over 62, \$12). Spring spec term, sec 1, M, 10 a.m.-noon, April 14-21 (2 meetings), Women's Club, Minneapolis, Lapakko
IC 0216, sec 1	Change day and dates to W, April 23-May 21
IC 0228, sec 1	Dates are April 16-May 14 (5 meetings plus field trip)
IC 0443, sec 1	Canceled

Currently, the counseling office is working on building a library of materials on career choices, academic options, and financial aid resources. Video tapes on related topics are planned. The department also has a computer link-up with the Office of Student Financial Aid in Fraser Hall.

Schletzer is proud of the counseling office's low incidence of complaints from students. She says her employees are indeed people oriented, and one-to-one contact with students is by far the largest part of each staff member's duties.

#### About the clients

Demographics on Extension students have been stable over the last five or six years, Schletzer notes. Median age remains around 27 or 28, and 45 percent of the students are between 25 and 34, according to surveys. However, one-third of the advisees now are between 20 and 25, and the typical client is a man about 22 or a woman about 24 who wants to complete college and who is career oriented.

More than ever, the advisees have some college experience. Many of them—a rough estimate might be two-thirds—previously attended the University and thus already have been admitted to a college. That trend reflects the generally held notion that students here are taking longer to complete degrees, more are going to school part time, and more are dropping in and out of college depending on several factors including their finances, Schletzer notes.

But Extension students remain dedicated and self-selected. "Our students choose education because it has been both rewarding and worthwhile for them in the past," Schletzer says. "Learning is something they know they can do, and education is a constant for most of them—not just some new whim."

## Giving it the old college try

If you want to return to school, or try college for the first time but aren't sure where to begin, the back-to-school workshop is for you.

The atmosphere at this free workshop—set for Saturday, March 8, 8:30 a.m. to 1 p.m.—will be informal, with plenty of time for discussion and explanation.

The location is the Earle Brown Continuing Education Center on the St. Paul campus. A Continuing Education and Extension counselor and a tutor from the Reading/Writing Skills Center will lead the program.

You will find answers to questions about courses, degrees, certificates, study help, financial aid, and other student services. You will learn about educational opportunities in Extension evening (and daytime) classes, courses by correspondence and television, and courses in other Continuing Education and Extension departments.

If you are not confident about how to study or what to expect in college classes, you can find out what kind of help you need and about free tutoring and help with study skills.

Free parking is available in public parking lots adjacent to the Earle Brown Center on the St. Paul campus.

Call 373-1536 to add your name to the registration list for this free workshop.

#### Study tours

## Close to nature, close to home

Study and Travel Adventures can be a natural experience.

A half-dozen "weekenders" study adventures feature the outdoors this year. The remaining trips are described below.

Most of these two-day local trips include lodging and meals on site. Instructors are experts in the field (outdoors as well as in the classroom or laboratory).

In addition to a first-hand educational experience (college level but noncredit), weekenders offer time for personal activities, too, like hiking, skiing, and just plain relaxing.

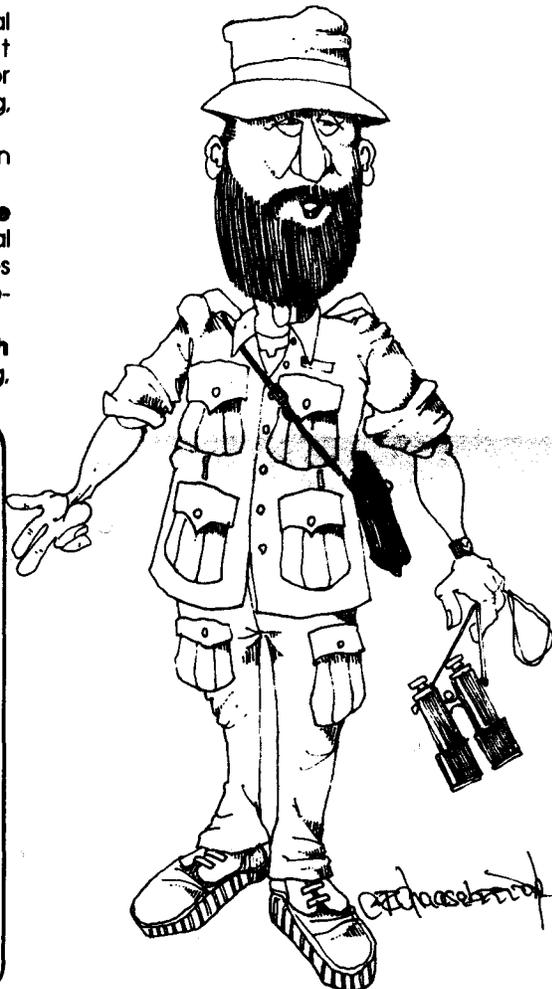
For more information and registration materials, call 376-7500.

**Winter Wildlife: A Weekend in the North Woods (March 14-16).** Animal behavior, winter ecology, opportunities for cross country skiing and snowshoeing; Cascade Lodge.

**Spectacle of Wild Geese (March 21-23).** Wild geese, harbingers of spring,

in a million-plus congregation at Sand Lake National Wildlife Refuge in eastern South Dakota.

**A Spring Wildflower Weekend (May 16-18).** An outdoor weekend in early spring to explore spring flora—lichens, ferns, mosses, and flowers—at Wilder Forest, a nature preserve in rural Washington County.



#### UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO USPS 711-240

Registration Office: 101 Wesbrook Hall  
Telephone 373-3195

Charles R. Cheesebrough  
Editor

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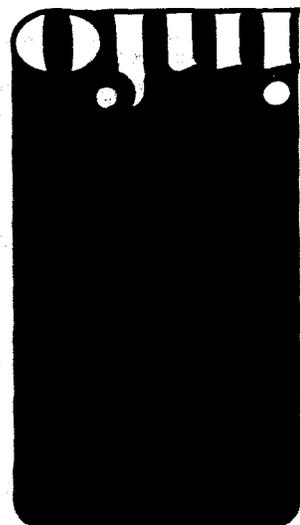
Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel.

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, religion, color, sex, national origin, handicap, age or veteran status.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

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## The Nolte Fund—helping us help others

The December issue of **Info** featured news of the challenge grant that will establish The Nolte Scholarship Fund. If \$10,000 can be raised to match an anonymous donor's contribution.

We are happy to report that 52 **Info** readers sent in donations totaling \$1,800 (as of mid-January). Those gifts have been acknowledged individually, but we want to let other readers know

of our thanks.

It is not too late to make your contribution. Remember that the Nolte Fund is a scholarship program designed especially for Extension students. This fund will help with the special needs and problems that adult students face. It can help "fill the cracks" when students are not eligible for regular financial aid programs.

Your contribution of \$10 or more will help start this much-needed scholarship fund. Donations may be sent to the address below. Make checks payable to "University of Minnesota: Nolte Fund."

**The Nolte Fund**  
Continuing Education and Extension  
University of Minnesota  
150 Westbrook Hall  
77 Pleasant Street S.E.  
Minneapolis, MN 55455

## Career planning starts with you

Although many Extension students have educational goals linked to specific vocational plans or jobs they already hold, many more are still setting career objectives.

If you want to learn how to make decisions about career choices, the Extension Counseling Office's career planning workshop is for you.

The workshop teaches participants how to identify interests, skills, and values that will help them make effective job and career decisions and set achievable goals.

The six-session workshop includes self-awareness exercises, group discussion, job research, and the Strong-Campbell interest inventory.

The next workshop is set for Monday evenings, February 17 to March 24, and meets on campus.

Space is limited. Cost is \$105. Call 373-3905 for registration information.

.....

Career assessment inventories to measure your interests, values, and personality characteristics related to academic and vocational objectives also are offered by the Extension Counseling Office. Results from these comprehensive tests are reviewed with a counselor. Cost is \$80 for students and \$125 for others. Call 373-3905 for information.

## Financial aid workshop

A workshop for Extension students who want information about financial aid options and eligibility requirements will be offered on Monday, Feb. 24, from 6 to 8 p.m., in the Nolte Center Library.

If you are interested in attending this workshop, please call or write the Extension Counseling Office, 314 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455; telephone 373-3905. Be sure to give your name and daytime phone number.

If you cannot attend the workshop,

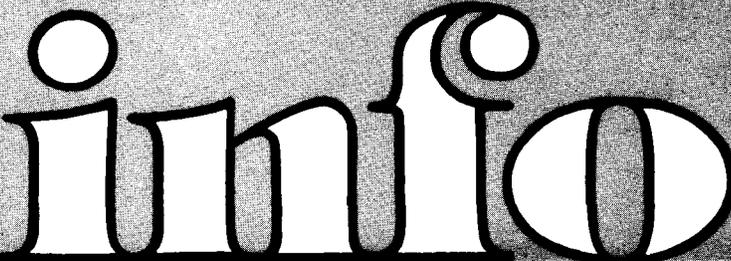
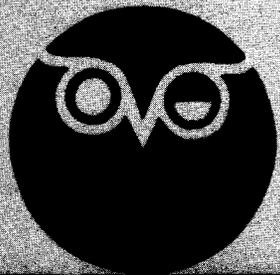
you may contact an Extension adviser at 314 Nolte Center (373-3905) for information.



## Be a traveler, not a tourist

The International Study and Travel Association (ISTA) will hold its 13th annual Study/Travel Fair on Thursday, Feb. 27.

The fair is 10 a.m. to 3:30 in the Great Hall at Coffman Union; admission is free and anyone may attend. Representatives and staff from study abroad and work abroad programs, travel companies, and other international educational programs will be available to answer questions and provide information about options (including noncredit **Study and Travel Adventures** and quarter-length and summer programs offered by the **Extension Classes Office of Study Abroad**—both sponsored by the Department of Extension Classes).



## For counseling office, it's a matter of degrees

You may begin earning a degree in the classroom, but the place to begin planning a degree is at the Extension Counseling Office.

If you want to earn a University degree, you must apply to one of the colleges within the University. The colleges set requirements for admission and graduation and grant the degrees. Continuing Education and Extension is a delivery system that brings courses and credits from the academic departments to part-time and evening students.

Advisers in the counseling office can describe requirements, what courses fulfill them, and when you can apply. Then they explain the application forms, help you complete them, and submit them to the University's Office of Admissions and Records. The admissions office reviews the application (sometimes the college does, also) and notifies the student.

How you get to that point—submitting an application for admission—depends on your past educational experience.

Students who meet the college's admission requirements can apply immediately. If accepted, they enter with advanced student standing (i.e., as a transfer stu-

dent rather than an incoming freshman).

Students who have attended day school at the University and have been admitted to a college simply fill out an Extension transfer form, which the counseling office submits to the admissions and records office. This reactivates the student's file. Advisers can review changes or options in degree requirements that may have occurred since the student was last enrolled.

Students with previous college, but low grade-point averages that disqualify them from acceptance to a college, can register for a quarter or two in Extension classes to demonstrate they can do college-level work. Decisions about admission of these students then include their grades in Extension.

A third category includes students who have not attended college for some time and want to return to school. These students often are advised to take classes for a quarter or two before applying so they can test their interest and dedication.

Many people who see counselors never have attended college, of course. They usually will enroll in classes without immediately applying to a college. That way they can test their abilities, perhaps discover an interest that will lead to a

**continued page 5**

## Caucus night rescheduling

**Tuesday, March 18, is caucus night in Minnesota.**

**The University may not schedule an event that will take place after 6 p.m. on that night.**

**Since final exams for many classes would normally be scheduled for after 6 p.m., some adjustments will be necessary.**

**Check with your instructor regarding any changes to the final exam time for your winter quarter class or changes to classes which meet on spring semester schedule.**

## CEW: concerts to computers

A new offering from Continuing Education for Women (CEW), **Music in the Spring: Listening and Enjoying**, will help you increase your appreciation of Twin Cities music events. This noncredit class helps you improve your listening skills and provides background about area music events scheduled for spring. Sessions cover the art of listening; the roles of composer, performer, and listener; plus an examination of some upcoming local concerts. Meets Mondays, 10 a.m. to noon, April 7 to 28, MacPhail Center. Call 373-9743 for registration information.

\*\*\*

Computers are here to stay, although problems may remain in our adjustments to them in work and home life. CEW offers help with an April workshop, **Technostress: Coping with Computers**.

Changes in office operations, job requirements, and co-worker relations can

occur as computers are introduced into the work place. The pressure to cope with these changes can result in anger, frustration, and fear. This workshop helps you discover skills and resources you can use to adapt to the computer age. Team taught by a data processing professional and a personnel practitioner. Meets Saturday, April 5, 9 a.m. to 4 p.m. Call CEW at 373-9743 for information.



## Student board offers self-defense class for women

The Extension Classes Student Board will sponsor an afternoon self-defense workshop for women this spring.

The workshop is Saturday, April 12, from 1 to 5 p.m., in Coffman Memorial Union, room 320.

Minneapolis Police officer Duane Fredrickson will teach the class. There is no charge to participants.

Parking is available near Coffman Union in the East River Road parking ramp (behind Coffman) in levels 4 and 5 of the Ramp B section.

**Info / March 1986 / 1**

# For this professor, teaching also is giving

Extension students typically are self-motivated, dedicated people who are willing to spend some evenings in the classroom if it can help achieve a personal goal.

That same description fits many Extension instructors, as well. One special case is George McCutcheon, professor emeritus of the General College, who still teaches mathematics and algebra.

McCutcheon teaches Neighborhood Programs, a program within Extension Classes that delivers college courses to people in the city who might otherwise be isolated from higher education because of their educational or economic background.

For several years, McCutcheon has donated his Neighborhood Programs salary to help support that program. Beginning this year, his contribution will go to help build The Nolte Fund, a new scholarship plan for Extension students who might not qualify for traditional financial aid options.

"I enjoy teaching these students especially because they recognize the importance of learning and their desire is greater now than when they were school age," McCutcheon says. The program gives people a chance to build personal pride, he notes, and that is a "wonderful investment, one the University must maintain."

His classroom style is friendly and personable—and individual. Students prepare assignments and follow the texts. Then, when they come to class (usually in a library or community center near their homes), McCutcheon reviews their work with each of them, explains concepts, and goes over problems. There is no lecture or canned presentation. All the contact is tutorial.

"We give students the responsibility of deciding what's important for them to work on," McCutcheon says. Since college courses are new to many of them, the pacing is adapted sometimes to allow students to progress at the rate that best fits their abilities, he notes.



McCutcheon

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Gayle Foreman, program director for Neighborhood Programs, agrees that McCutcheon's methods work well for the students in the program. "Dr. McCutcheon's patience and attention to students' needs help make college less intimidating," she says. "These students are hard workers and want to improve themselves, but often they are unsure of

their skills or what to expect."

The attention students find in Neighborhood Programs can prepare them for taking classes on campus later. For some, it's a chance for admission to a degree program they can complete through regular evening classes, Foreman says.

## Help wanted: Nolte Fund donors needed; Extension experience helpful; start now (please)

**A challenge grant of \$10,000 for The Nolte Fund has been offered by an anonymous donor. We are close to matching her contribution, but we are not there yet. We have only a few more weeks.**

Your contribution of \$10, \$25 or more will help start this much-needed scholarship fund. Donations may be sent to the address below. Make checks payable

to "University of Minnesota: The Nolte Fund."

**The Nolte Fund  
Continuing Education and Extension  
University of Minnesota  
150 Wesbrook Hall  
77 Pleasant Street S.E.  
Minneapolis, MN 55455**

★ ★ ★

★ ★ ★

### in short . . .

#### Plan you career

The next career planning workshop, offered by the Extension Counseling Office, is set for April 2 to May 14. In the six Wednesday evening meetings, students will learn about their interests, skills, and values related to work and school. Methods of researching career possibilities and setting occupational objectives are covered, also. Cost is \$105.

A set of career assessment inventories to measure interests, values, and personality related to academic and career objectives also is available. Inventory results are reviewed with a professional counselor. Cost is \$80 for students and \$125 for others.

Call the counseling office at 373-3905 for more information and registration.

#### The best of the class

Three popular noncredit Informal Courses will be repeated this spring. Register in 101 Wesbrook Hall.

**IC O168 Studio Art Painting in Oils and Acrylics.** Enjoyment and technique are emphasized; demonstrations, critiques, discussion; see complete description on bulletin page 480. Spring special term, sec 2, T, 6:30-9, April 8-May 27 (8 meetings); limit 25. No credit, \$79.

**IC O436 Magazine Writing.** Article ideas, types; information search; interviewing and writing techniques; manuscript submission; critique of students' work. Spring special term, sec 2, Th, 7-9,

April 10-May 29 (8 meetings); limit 25. No credit, \$53.

**IC O162 Introduction to Weaving.** Basic techniques, table and floor looms, fibers. Spring special term, sec 2, Sa, 9 a.m.-11:30 a.m., April 12-June 7 (8 meetings, no class May 24); limit 20. No credit, \$62.

#### Art class at the Walker

**ArH 3950 Diffusions: Japanese Culture in Transition** is a new art history course added for spring quarter that is based on the Walker Art Center exhibition, "Tokyo: Form and Spirit." Topical issues in cultural dissemination and transformation. Meets on campus for two weeks and at the Walker for eight weeks; Mondays, 7-9:30 p.m.; graduate credit available. Instructor is Professor Gabriel Weisberg. Register in 101 Wesbrook Hall; call 373-3196 for credit and tuition information.

#### More on careers, college options

"Reach for Tomorrow" is the theme for the Career Day Open House in the College of Home Economics. The event is scheduled for Sunday, April 27, 1 to 4 p.m. in McNeal Hall on the St. Paul Campus. Everyone is invited.

Meet with professionals in your field and learn how to assess the current job market. Plan now to attend and participate in the exploration of career goals and opportunities.

# Manage your database—before it manages you

If you've ever had the task of searching for journal articles or business reports, you know how time consuming and difficult the job can be.

Now imagine a search technique that scans thousands of documents looking for key words, titles, or phrases that sum up the topic you want.

**Managerial Decision Making Using Databases** (DSci 5520) is a new course that shows you how to make search work easier and more understandable.

A database is a collection of materials (numbers, facts, titles, lists, text copy, etc.). It could consist of or include anything, from weather reports to published research, journal articles, or U.S. census data, for example.

The key for the searcher is knowing when and how to use databases, either as a practical research strategy or as a tool in retrieving technical information. Here's an illustration:

You want information on office automation and training because you need background on how to train employees to use a new automated system in your office. Using the accessing methods taught in the course, or equipment such as Mead Data Central's NEXIS system (pictured here) and an information service, such as DIALOG Information Service, Palo Alto, you enter the key words "office automation" and "training methods." You discover 257 articles with these key words. Now you can narrow your search to articles where the key words appeared in the text within 100, 50, or even 20 words of each other. Then you examine the titles (on the screen or in a print-out) and select those that warrant further study.

William Mayer, Ph.D., course instructor, is a designer-developer and consultant in databased systems. "It's beyond the average business researcher's or student's abilities to keep abreast of the explosion of new information, trends, and their interpretation," says Mayer. "The idea behind using databases is simply that managers need information from reliable, but varied, sources plus seasoned judgment to guide the choice and interpretation of data."

There is no question that database systems can afford new management perspectives, Mayer says, but their use also demands new information skills among businesspeople.

To students, the time-saving value is clearly evident, according to Carl

Adams, chairman of the Management Sciences department. "Information gathering that formerly took weeks can now be reduced to hours or even minutes," he says. "It's like having a research library at your fingertips."

★ ★ ★

**DSci 5520 Managerial Decision Making Using Databases** will be offered spring quarter on Monday evenings (see the bulletin, page 150). For specific information, call 376-8236. The course is open to anyone, regardless of whether they are in a degree program. Qualified students may register for graduate credit.



**From theory to practice—Carl Adams, chairman of the Management Sciences department, tries out NEXIS, a business information search system from Mead Data Central. With Adams are course instructor William Mayer, who teaches decision making using databases, and Kathy Zeug of Mead.**

## Free library course meets next month

Take the popular free library course this spring and learn to use the library effectively and efficiently.

This two-part course meets Tuesday, April 8 and 15, 6:30 to 9 p.m., in Social Science 628 on the West Bank. No preregistration is required.

The first session shows you how libraries are organized and means of access to information in libraries. The second class introduces reference books and shows you how resources are organized in various subjects. This knowledge can help you find the information you need, especially for papers or assignments, even if you don't know the subject well.

The instructor is Marcia Pankake, assistant professor of University Libraries.

### UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO USPS 711-240

Registration Office: 101 Westbrook Hall  
Telephone 373-3195

Charles R. Cheesebrough  
Editor

Info is a newsletter for University of Minnesota Extension Classes students published 9 times a year - August, September, October, November, December, January, February, March, and April-May—by the Department of Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. POSTMASTER: Send address changes to Info, Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel.

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, religion, color, sex, national origin, handicap, age or veteran status.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.

# bulletin changes . . .

(Room changes will be posted in the classrooms)

## COURSE

Arch 0011, sec 1

Arch 0012, sec 1

Arch 5128, sec 2  
Arts 3420/5420, sec 21

Arts 5420, sec 12  
BGS 3002, sec 4  
CISy 5003, sec 3  
Dnce 1125, sec 2

Dtch 3011, sec 2  
Dtch 3310, sec 2  
EdAd 5202, sec 2

EdPA 5260, sec 1

EdPA 5281, sec 1

EPsy 3606, sec 5  
EPsy 5260, sec 6  
EPsy 5461, sec 1  
EPsy 5604, sec 1  
EPsy 5606, sec 5  
EPsy 5615, sec 1  
EPsy 5620, sec 2  
EPsy 5672, sec 1  
EPsy 5709, sec 1  
EPsy 5849, sec 1  
Elem 5315, sec 1  
GC 1284, sec 2

GC 1557/3557, sec 1  
Geog 3131, sec 1  
HiEd 5540, sec 1,3  
Hum 1002, sec 1  
Mgmt 3008, sec 1  
Nurs 5700, sec 3, 4  
Nurs 5722, sec 2

PA 5421, sec 1  
PA 5461, sec 1  
PubH 5064, sec 1  
PubH 3301/5301, sec 1  
Rhet 5561, sec 1

SeEd 5175, sec 1  
Span 3602, sec 1  
Spch 5422, sec 3  
CEW 0110, sec 1

CEW 0211, sec 1  
CEW 0305, sec 1  
CEW 0617, sec 1

IC 0168, sec 2

IC 0216, sec 1  
IC 0228, sec 1  
IC 0436, sec 2

IC 0443, sec 1

## CHANGE

Added: **Architectural Registration Exam (ARE) Review Course**, no credit, \$95. Spring spec term, sec 1, Th, 6:10-9, April 3-May 22 (8 meetings), Arch 25, Seiberlich.

Added: **Architectural Registration Exam (ARE) Review Course**, no credit, \$95. Spring spec term, sec 1, Sa, 9 a.m.-noon, April 5-June 7, Arch 30, Seiberlich.

Canceled

Added: **Workshop: Advanced Computer Graphics and Animation**, 3 degree credits, \$122.25 plus \$40 course fee and \$5 special fee, total \$167.25. Spring quarter, sec 21, Th, 6-10, PeikH 355, Sullivan.

Canceled

Change to Thursday

Change to Tuesday, 6:15-8

Added: **Ballet**, 1 degree credit, \$38.50. Spring quarter, sec 2, Th, 7-9, Norris 67, Varosh-Stromme.

Change to MW, 4:50-7, Kolth S139

Change to Thursday only, 4:30-6:30

Changed to spring quarter (from winter), sec 2, W, 4-6, PeikH 46, Mazzoni.

Added: **Introduction to Educational Planning**, 3 degree credits, \$151.50. Spring quarter, sec 1, W, 4:15-6, BuH 240

Added: **Cost Analysis in Educational Evaluation**, 3 degree credits, \$151.50. Spring quarter, sec 1, W, 4:15-6, PeikH arr, Lewis.

Change day to Tuesday.

Change day to TTh, NichH 109

Canceled

Canceled

Change day to Tuesday

Canceled

Change time to 4:15-7

Canceled

Change to 2 degree credits, \$101

Change to spring quarter, MW, 4-6, EltH N508

Offered spring quarter, W, 4:30-6:15, ChDev 216

Added: **Behavior Problems of Children**, 4 degree credits, \$154. Spring quarter, sec 2, M, 6-8:30, NichH 211, Moore.

Canceled

Change to MWF, 9:15 a.m.-10 a.m.

Canceled

Canceled

Offered spring quarter, W, 5:30-8:15, People's Ctr 214

Canceled

Added: **Nursing and the Legislative Process**, 3 degree credits, \$183.75. Spring quarter, sec 2, W, 3:15-5, State Capitol Bldg., St. Paul.

Canceled

Canceled

Canceled

Canceled

Added: **Advanced Editing Seminar: Electronic Publishing**, 2 degree credits, \$105. Spring quarter, sec 1, T, 4:30-6:15, HckrH 302, Mikelonis.

Offered spring quarter, Th, 4:15-6, PeikH 46, Graves

Canceled

Change to W, 6:20-8:50, FolH 308, Rarick

Added: **Feminist Perspective in Art**, no credit, \$45 (age 62, \$35). Spring spec term, sec 1, T, 5:30-7, April 15-May 13 (5 meetings), WARM Gallery, Minneapolis, Bart.

Canceled

Canceled

Added: **How to Conduct Meetings**, no credit, \$22 (over 62, \$12). Spring spec term, sec 1, M, 10 a.m.-noon, April 14-21 (2 meetings), Women's Club, Minneapolis, Lapakko

Added section: **Studio Art Painting in Oils and Acrylics**. No credit, \$79 (age 62, \$69). Spring spec term, sec 2, T, 6:30-9, April 8-May 27, ArtB 151; limit 25.

Change day and dates to W, April 23-May 21

Dates are April 16-May 14 (5 meetings plus field trip)

Added section: **Magazine Writing**. No credit, \$53 (age 62, \$43). Spring spec term, sec 2, Th, 7-9, April 10-May 29, FolH 50; limit 25.

Canceled

## Get involved— student board seats available

Filing is open March 3 through April 4 for Extension students seeking election to the University Senate (and a seat on the student board).

Eight senators and eight alternates will be elected during the election period, April 28 to May 12, by Extension students voting in class and by mail.

Elected senators (or alternates) will join faculty and day school student senators in the University Senate to consider both the University's internal affairs and its role in the community.

Senators and alternates serve on the student board, which meets monthly with staff members from Continuing Education and Extension discussing and working on the concerns and problems encountered by adult and part-time students.

To file as an Extension candidate, you must meet these eligibility requirements:

1. You must be carrying three credits through Extension at the time of election (spring quarter).

2. You must have earned a minimum of 12 University of Minnesota credits within the past five years.

Filing forms for the senate election, other election information, and details on student board activities may be obtained at 180 Westbrook Hall on the Minneapolis campus; telephone 376-7500.

## March hours and closings

Special office hours and closings in March include the following:

**March 18:** Caucus night—some classes will be re-scheduled. Check with your instructor.

**March 20-21:** Registration and cashier's offices closed to process spring quarter registrations (late registrations accepted by mail only with a \$5 late fee).

**March 24-27:** Late registration period for spring quarter. Registration office in 101 Westbrook Hall open 8 a.m. to 8 p.m. (Monday through Thursday).

**March 28:** Reopening Day— forfeited spaces in closed classes become available, 8 a.m. to 4:30 p.m. (Friday only).

**March 24-28:** Spring semester classes (15-week term classes that began Feb. 17) are dismissed for spring semester recess.

# Informal Courses are springing up all over

Create a new and better you through noncredit Informal Courses this spring. Courses abound to help you improve skills and develop personal talents. A few are highlighted below.

Informal Courses are short-term, less expensive alternatives to credit courses. There's college-level learning but no grades or exams. Anyone may enroll. You will find lively discussion, expert instruction, and sometimes a field trip or guest speaker.

## degrees

### from page 1

major, and establish their confidence and a good academic record.

When they have a sufficient number of credits (39 credits for most liberal arts majors), they can apply as an advanced-standing student.

These students then are not required to take entrance exams required of incoming new students. That is often important to adult students who may be apprehensive about exams and unfamiliar with formal college entrance tests.

Staff members at the Extension Counseling Office can review transcripts of previous college work with students. They can point out deficiencies or courses that probably will transfer. However, the college officially determines the acceptability of previous college work when the student applies.

Extension Counseling Office advisers work closely with college advising offices to keep up with changes in requirements and curriculum. Once a student is admitted to a college, he or she then may be assigned to advisers in the college.

## Why should you apply to a college?

It's true that anyone may register in Extension classes. You don't need a high school diploma, specific grade-point average or class standing, or any college entrance tests. (Although you may need prerequisites for certain courses.)

But to earn a degree through Extension, you must apply to a college within the University and be accepted into a degree program. These are the reasons:

1. The individual colleges grant the degrees—not Extension. The colleges set standards for admission and graduation and decide whether a student has met them.
2. The admission procedure is the official process for evaluating previous college work and determining what credits transfer to a degree program at the University.
3. When transcripts of your college or high school work are reviewed, it's possible to point out the areas where additional work is needed to satisfy group distribution and other requirements.
4. Generally, students satisfy the graduation requirements in effect at the time they are admitted. Sometimes, if requirements change, students can elect to follow the new degree plan. If you put off applying, you may find some courses you took are no longer required and additional course work might be necessary.

Remember, the Extension Counseling Office can help you determine when to apply for a degree. If you're considering starting or completing a degree, see a program adviser or counselor before you register or early in your planning. Call 373-3905 for a day or evening appointment.

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### Arts and humanities

**IC O106 Photo Workshop I.** Introduction to cameras, photography, darkroom techniques.

**IC O111 Understanding Movies II.** Approaches to film analysis and criticism.

**IC O164 Basic Creative Drawing.**

**IC O165 Painting in Watercolor.** Introductory course; techniques include washes, textural effects, color combinations, creating moods; individual assistance and group critique.

**IC O186 Bookbinding.** Basic techniques of hard cover and Japanese binding; end papers, covers.

**Plus:** America's musicals taught by Vern Sutton; architecture of India; postcards as collectibles; and prehistoric Minnesota.

### Nature and the outdoors

**IC O212 Amphibians and Reptiles: Introduction to Herpetology.** Includes field trips.

**IC O216 Minnesota Wildflowers.** Structure, identification, ecology; field trips on Saturday mornings.

**IC O228 Mushroom Identification and Ecology.** Guides for identification, fungal ecology and toxicology, cultivation of mushrooms; morel hunts.

**IC O230 Lake Dynamics.** Seasonal changes, climatic and geologic factors, evaluating lake quality, protection.

**IC O248 Hives and Honeybees: An Introduction to Beekeeping.** Bees for pleasure and profit; diseases, pests, predators; honey production.

**Plus:** beginning and intermediate ornithology; home landscape and yard care (two courses); Minnesota geology; advanced nature photography; sailing-navigation.

### Skills and interests

**IC O411 Improving Your Memory.** Theoretical background for understanding and retaining and practical application of techniques that can help you remember names, faces, objects, lists, stories, and information.

**IC O441 Newsletter Writing.** How to write articles and informative and interesting material; scheduling; writing good leads and headlines.

**IC O445 Layout and Paste-up for Beginners.** Preparing camera-ready or reproducible materials; formats, techniques; type sizes and styles; working with printers; and more.

**IC O576 Farm Management for the Absentee Landowner.** Rental arrangements, crop production, income and estate taxes, land buying and selling.

**IC O583 German for Travelers.** Basic vocabulary related to travel situations: changing money, buying tickets, asking directions, shopping, ordering meals, using public transportation.

**IC O600 Orientation for Travelers to Europe.** Be a traveler, not a tourist—learn about special options in accommodations, sites, European trains, travel documents, and what and how to pack. All day on Saturday, May 3.

**Plus:** Advanced arts management; resumé writing; nuclear militarism; part-time farming; French for travelers; home computers; and the ancient Etruscans.

See the course descriptions in the bulletin for more information, pages 476-505.

## New literature course for spring

A new course in Comparative Literature, **CLit 5452 Genre Theory: Epic and Lyric**, will be offered spring quarter.

The course focuses on two poetic forms, epic and lyric, and their similarities and differences, applications in different literary periods, and how the forms and markers of a genre influence literary interpretation.

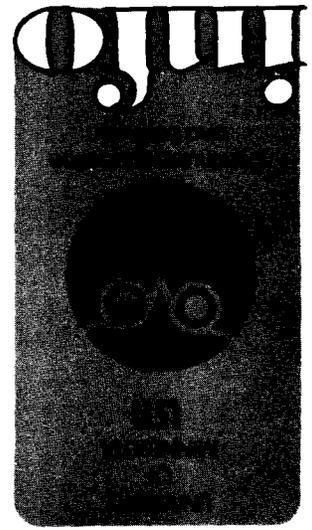
Works include Aristotle's **Poetics**, Plato's **The Republic**, Walter Benjamin's **Illuminations**, Homer's **The Iliad**, George Lukacs's **Theory of the Novel**, and Sergio Rameriz's **To Bury Our Fathers**, plus excerpts from other texts.

Intended for students interested in several disciplines including English, classics, humanities, philosophy, and related areas. Graduate credit available.

Meets spring quarter, Wednesdays, 6:20 - 8:50, FolH 52. Call the instructor, Steven Suppan, with questions, 373-4498. Register in 101 Wesbrook Hall.

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## Register now for spring classes

Registration for most spring quarter Extension classes is open now through March 19.

You may register by mail through that date, or stop by and register in person from March 11 to March 19 at the locations listed below.

Registration in Extension classes is on a first-come, first-served basis. Some high-demand classes, or certain sections of them, already have filled.

When you reserve classes in person, you must pay tuition by March 19 to complete registration. Otherwise, your space in class is forfeited.

**The last day to register without a late fee is March 19 for most spring quarter classes.**

If you miss that deadline, you may register by mail with a \$5 late fee beginning March 20. Late registrations will be accepted in person at 101 Westbrook Hall (only) starting March 24. See page 19 in the bulletin for a summary of dates and hours for spring registration (including late registration).

Call 376-3000 to request registration forms or the Extension Classes Bulletin.

Spring quarter classes begin the week of March 31.

## Financial aid workshop set

A free workshop on financial aid options will be offered by the Extension Counseling Office on Monday, March 31, 6 to 8 p.m. in 229 Nolte Center on the Minneapolis campus.

If you would like to attend this workshop, contact the Extension Counseling Office, 373-3905. Space is limited.

### IN-PERSON REGISTRATION LOCATIONS—MARCH 11-19

• **101 Westbrook Hall, Minneapolis campus.** Hours are 9 a.m. to 8 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday.

• **MacPhail Center, 1128 LaSalle Avenue, downtown Minneapolis.** Hours are 9 a.m. to 7 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday.

• **Skyway Registration Booth, Norwest Bank Building, downtown St. Paul.** Hours are 9 a.m. to 5 p.m., Monday through Friday.

**All registration offices are closed weekends.**



## Ring in the new phones

The University is acquiring a new telephone system this spring.

The familiar 373 and 376 exchanges will be replaced by 624 and 625.

Different parts of the campus will be switching over to new telephone numbers at different times. For example, many phones in the hospitals and health sciences area will have new numbers after March 1, but Extension offices in Westbrook Hall will not change over until May 24.

Some frequently used telephone numbers are shown below with their replacement numbers and change-over dates. More will be included in the April-May **Info**.

If you reach a University number that has been changed, you will receive an intercept message giving you the new number or instructing you to call University information for the new number.

Information	Current Phone	New Phone
Bulletins, registration forms	376-3000	624-2388 after April 25
Registration office (101 Westbrook)	373-3195	625-3333 after May 24
Extension Counseling	373-3905	625-2500 after April 25
Informal Courses, Samplers, Study and Travel Adventures	376-7500	624-3300 after May 24
Continuing Education for Women	373-9743	624-5267 after May 24
Study Abroad (ECOSA)	373-1855	625-3379 after May 24
Independent Study	373-3256	624-0000 after May 24
Elderhostel	376-2704	624-7004 after May 24
Rec Sports	373-4200	625-6800 after April 25
Bookstores		
Minnesota Book Center	373-3688	625-2000 after May 24
Smith Bookstore (west bank)	373-4450	625-3000 after May 24
Health Sciences	376-4007	625-1500 after March 1
Books Underground (St. Paul)	373-0800	624-9200 after April 12

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## Need financial aid next year? Plan now

The financial aid factory is gearing up for 1986-87 and the production schedule can involve several months.

The end product, your financial aid package, will depend on a timely and accurate application.

Most students will use the ACT packet to apply for part-time and full-time financial aid (with the exception of students taking fewer than six credits a quarter). ACT is the American College Testing Program, a processor of financial aid applications. The packet contains an all-purpose aid application form, which covers grants, loans, scholarships, and work-study, as well as other application materials.

Applications for 1986-87 are available now and you are encouraged to apply as early as possible. Applications will be processed as they are received, and financial aid will be awarded as long as funds are available.

Campus-based funds (College Work-Study; National Direct Student Loan; Supplemental Educational Opportunity Grant; and University of Minnesota

grants, scholarships, and loans) are limited and tend to be committed to early applicants who will attend Extension classes or day school full time.

Other funds, such as Minnesota State Scholarship and Grant, Pell Grant, and Guaranteed Student Loan require enrollment for at least six credits a quarter. They will remain options well into the academic year and can be used either for Extension classes or day school.

Students enrolled for fewer than six credits may be eligible for the Minnesota Part-Time Student Grant Program. Applications for the MPTSGP for 1986-87 should be available in late spring.

Since most financial aid is contingent upon admission to a degree or certificate program, you should inquire about admission at the same time you apply for aid.

For additional information about financial aid or admission, contact the Extension Counseling Office, 314 Nolte Center, 373-3905 (625-2500 later in May).

## Summer closings

### Holidays

Offices will be closed and no classes will meet on the following University holidays: Memorial Day (**May 26, 1986**) and Independence Day (**July 4, 1986**).

### Counseling Office

The Extension Counseling Office, 314 Nolte Center, will be closed the week of **May 19-23** for staff training meetings. Please remember that counselors and advisers will not be available during that week. The office will reopen May 27.

## Make summertime a learning time

Through summer evening Extension classes, you can sharpen job skills, work toward a degree, or explore a new interest.

For many students, summer evenings are a good time for earning college credit because of the special schedule for most classes. Two class meetings each week mean: (1) many quarter-length classes can be offered over five weeks; and (2) semester-length classes and five-credit courses have shorter class periods or are offered over 10 weeks instead of 15 weeks.

More than 200 credit and non-credit classes are waiting for you. So credit yourself for making a few summer evenings a time for learning this year. Check through the course titles in the Summer Evening Extension Classes Bulletin. If you don't have a copy, call 376-3000 to request one (in late May, this number becomes 624-2388).



A free workshop on financial aid options will be offered by the Extension Counseling Office on Wednesday, May 14, 6 to 8 p.m., in 229 Nolte Center on the Minneapolis campus.

If you would like to attend this workshop, contact the Extension Counseling Office, 373-3905. Space is limited. (Later in May, this number becomes 625-2500.)

## No election for Extension senators

Because an insufficient number of candidates filed for University Senate elections, no election will be held for Extension candidates.

An election commission of the student board will meet to declare the filed candidates elected as senators.

## New program eases in new students

Extension classes include a wide range of student ages and backgrounds—from teenagers to senior citizens—but you can expect to see more from the younger end of the scale.

High school students, a steadily growing constituency in Extension classes for the last decade, became an even more significant audience last year with the passage of the Post-Secondary Enrollment Options Act (PEOA) by the Minnesota legislature.

The PEOA permits qualifying high school students to take college classes; tuition is paid by the state.

Throughout the 1970s, dozens of teenage students each quarter took evening classes. Then in the last five or six years, the number jumped to 50 to 100 students a quarter as school systems made economic cuts, special programs for advanced students were reduced or altered, and counselors recognized that evening college classes were an option for advanced high school students.

Darryl Sedio, a counselor in the Extension Counseling Office, took on advising for those gifted students in 1981-82 to help insure that they were getting the

classes they thought they needed and had some chance of completing them.

Sedio says he uncovered a burgeoning interest among high-potential counselors and parent groups looking for alternatives for advanced high school students. "Students were enrolling without knowing their options or what to expect—it really was important that we have some means of intercepting them, if only to make sure they made it through registration correctly," Sedio says. He also set up an informal referral network, through correspondence with school counselors and visits to schools, to assure students of some pre-registration advising.

In the last year and a half, Sedio has dropped much of his other counseling and program advising duties to concentrate on high school students. Students enrolling under the PEOA especially were finding their way into Extension Counseling to see Sedio since many were interested in Extension classes.

Over 700 advising contacts have been handled since last July by Sedio and his support staff, adviser Sue Cromien and secretary Meg Carvell. The influx of new learners resulted in a new office, the Advanced High School Student Services Office, which formally opened in January.

Increased emphasis now is given to making sure the high school students are college ready, Sedio says, and that they meet criteria approved by the University's colleges.

Still, many students, especially those who pay their own way, may be bypassing the advising system—a system Sedio says could help them. Those students include many who don't qualify for PEOA because they attend private schools, don't meet academic requirements, or are too young (less than junior standing), but who are willing to register on their

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## What the students say . . .

High school students taking college classes generally are doing well and enjoying the experience.

Clayton Bennett, Minneapolis, is completing high school (after being out of school for a few years) and working on degree requirements simultaneously. He is taking several classes a quarter during the day—including speech, human geography, advertising, political science, and French—and getting mostly A grades. For Bennett, who is in a University Without Walls program, college is not just accumulating knowledge, it's stimulation that borders on pure entertainment: "Classes are a riot . . . the reaction is always 'Great—glad to have you' from instructors. . . I've made friends that I run into all over campus." Bennett has lobbied legislators on behalf of the program, in fact, emphasizing the point that students can benefit enormously from the plan and aren't facing the peer ostracism some officials had feared. His sister, Carrie (17), also takes several

classes a quarter while still in high school.

Amy Scharlau, 17, from Wayzata, is taking prerequisite courses in several disciplines including art: "There was no challenge in high school art classes and I wanted to continue art study. . . I like the extra responsibility expected of students in college classes." Scharlau said classes were about what she expected, no harder or easier, but that she challenged herself to work hard and do A work—and she did, with two A's last quarter. She also went to the legislature, took part in hearings, and campaigned for PEOA.

Esther Robinson, 16, Minneapolis, is taking an Extension studio arts class in video production at University Community Video this spring. She wants a career in film and video. "Acquiring skills is more important to me right now than the credit, but the course will give me an edge in college admission, too," Robinson says. She enjoys class and says she is getting even more than she expected from it. Fitting in is not a problem since the age range is from teenagers to senior citizens with a variety of backgrounds and reasons for studying video production. Robinson also praised the staff at the high school advising services office; they explained how to get into closed classes on reopening day and helped her get the spot in class she wanted.

Overall, students gave good grades to Sedio's office and the centralized advising system, indicating that the enrollment process was convenient and helpful.



Sedio

## Extension—college in prime time

High school students have been registering in Extension classes for many years, largely for the same reasons adult students do:

- Evening classes are convenient; they don't conflict with regular school attendance.
- Courses are available in more than 200 academic areas; students can select courses that match special abilities or interests.
- College credit earned through Extension can be applied to college and University degrees; students get a head start in completing requirements.
- Anyone may register for Extension classes; students don't have to be in a degree program.
- Students may take one class at a time; there is no minimum credit load.
- Registration is easy; classes are available on a first-come, first-served basis.

## high school students from page 2

own for Extension classes. "We're not here to keep people out," Sedio notes. "On the contrary, we try to make it as painless as possible." He says that students may now receive advising on course and program requirements, select courses, and even register right in his office for either day or evening classes.

Based on grade results, the screening and advising effort has been worthwhile. Advisees generally did quite well, achieving over a 3.00 grade-point average last fall. Of the 48 high school students who earned A and B grades in University classes, 41 went through the advising office. Of those who took a grade of N, very few had been through Sedio's office.

Sedio stresses that any high school student considering college courses should consult with his or her high school counselor before registering. Counselors can explain processing requirements for the PEOA and help in the advising process, including college-to-high-school credit transfers.

Students must bring in high school transcripts with the PEOA Notice of Student Registration form they get from their counselors (or other administrator). If they meet specially set criteria (based on class rank and test scores presently), they may plan course work and usually register immediately.

The high school student advising office is modeled after Extension Counseling, Sedio says, and maintains the service-oriented approach necessary for dealing with students who are new to the University. Staff members specialize in helping a particular audience, yet they are familiar with the entire University and its wide range of programs, courses, and services. Besides advising and registration, students are told about obtaining books, finding classrooms, and what to expect in class. An Extension transcript record is established in the University's admissions office, also.

The ultimate purpose for the special advising office, Sedio says, is to make sure students get the academic stimulation they came to the University for and to minimize the administrative obstacles they encounter on the way to the classroom. "These students are looking for a challenge, and we want them to succeed in that transition from high school to college learning," Sedio says.



For more information about advising for advanced high school students and the PEOA program, contact the Advanced High School Student Services Office in 337 Nolte Center; telephone 373-1044 (later in May, this number will be 626-1666).

# Summer registration

## TERMS

First 5-week term..... June 16 to July 19  
10-week term..... June 16 to August 23  
Second 5-week term..... July 21 to August 23

## REGISTRATION DATES

By mail (first 5-week and 10-week terms)..... May 12 to June 4  
(second 5-week term)..... May 12 to July 9

In person (first 5-week and 10-week terms)..... May 27 to June 4  
(second 5-week term)..... May 27 to July 9

## REGISTRATION OFFICES

Minneapolis campus (373-3196; 625-3333)..... 101 Westbrook Hall

Downtown MacPhail Center (373-1925)..... 1128 LaSalle Ave., Minneapolis

## All registration offices are closed weekends and holidays.

Mail registrations received before May 12 will be returned to the student. Students are urged to register by mail for all classes (limited and unlimited). **June 4 is the last day to register without a late fee for 10-week term classes and first 5-week term classes; July 9 is the last day to register without a late fee for second 5-week term classes.**

Students who reserve space in limited classes during in-person registration must pay tuition by June 4 (for all terms); otherwise their spaces in classes are forfeited.

See the Summer Evening Extension Classes Bulletin for complete registration instruction, dates, and hours.

# Summer class goes trekking

The Absaroka-Beartooth Wilderness Area (Montana-Wyoming border), one of the most spectacular and scenic places in the country, is the site of a special summer Extension class.

Professor Leo McAvoy will lead a 14-day backpacking field trip as part of **Rec 5350 Wilderness Outdoor Recreation Programming**, a course that emphasizes the recreational and educational values of wilderness experience.

"The course provides students a chance to understand the role wilderness can play in society, to develop skills to organize and lead groups, and to receive some practical instruction in leisure skills like field techniques, backpacking, basic rock climbing, and orienteering," McAvoy says.

The class is not an endurance test or survival course, McAvoy notes, and no previous backpacking or mountaineering experience is necessary. A minimum fitness standard is required, however, to insure students can participate comfortably and successfully on the field trip.

Although students or professionals in recreation and leisure studies or other education majors may benefit most from the class, participants include people from other fields or with only an avocational interest in the outdoors, McAvoy says. Academic requirements include background reading and a course paper as well as class participation.

Space is limited; registration is open now in 202 Westbrook Hall. Call Professor McAvoy with specific questions, 373-4232 (number changes to 625-5887 later in May). Complete course description is on page 82 in the summer Extension classes bulletin.

# General College: deadlines set for degree programs

In January, the University Board of Regents approved ending two- and four-year degrees in General College.

Extension students admitted to General College, or who have been taking General College courses and intend to apply for a degree program in GC, should talk to an adviser in the Extension Counseling Office, 314 Nolte Center. Call 373-3905 with questions.

Under the action taken by the regents, students must be admitted by fall 1986 for the four-year degrees and degrees must be completed by September 1991. Students may be admitted to the Associate in Arts (two-year) degree program at anytime that will permit them to complete all requirements by the end of Summer Session II, 1991.

# Extension students earn certificates

The students listed below have completed Continuing Education and Extension certificates.

## Summer Session I 1984

**Alcohol and Drug Education Counseling:** Christine Blanks, Brooklyn Center; Verne Greenlee, with distinction, Elk River; Peter McCartney, Wayzata.

**Mathematics and Science:** Charles Pelto, Falcon Heights.

**Senior Accounting:** George Bedor, Minnetonka.

**Junior Business Administration:** Helen Arabanos, Crystal; Linda Dahlin, Woodbury.

**Industrial Relations:** Sandra Snyder, with distinction, Minneapolis.

**Information Systems Analysis and Design:** Beverly Brands, St. Paul.

**Undergraduate Development Certificate (UDC) in Engineering and Science (45 credits):** Dennis Berndt, with high distinction, Eden Prairie; Paul Cullen, with high distinction, Arden Hills.

**UDC in Computer Science (45 credits):** David Innes, with distinction, Minneapolis.

## Summer Session II 1984

**Alcohol and Drug Education Counseling:** Karen Canham, with high distinction, Brooklyn Park; David Hadden, with distinction, Eden Prairie; Edward Stephens, with high distinction, Hancock, Mich.

**Commercial Art:** Gina Hasledalen, with high distinction, St. Louis Park.

**Early Childhood Studies:** Tammy Severe, Minneapolis.

**Senior Accounting:** William Kenny, with high distinction, Maplewood.

**Junior Business:** Howard Root, Richfield; Susan Schlauderaff, St. Paul.

## Thanks

Info readers, current and former students in Extension classes, played a major part in helping to establish the first major scholarship fund for Extension students.

In previous issues, we described the Nolte Fund challenge—raise \$10,000 by March 31 so that we would match a \$10,000 challenge gift made by an anonymous donor. The Nolte Fund challenge goal of \$10,000 was reached, and there is now a \$20,000 endowed fund solely for Extension students.

Sixty-three Info readers contributed to the Nolte Fund campaign, and up to 15 course scholarships will be available each year to help deserving Extension students.

More remains to be done, but from all of us in CEE, thanks to all those who responded so generously.

**Phil Lundblad**  
**Nolte Fund Coordinator**

**Industrial Relations:** Karen Cox, St. Paul; Marc Cram, with high distinction, Eden Prairie; Teresa George, with distinction, St. Paul; Kay Williams, Minneapolis.

**Information Systems Analysis and Design:** Robert Arseth, with high distinction, White Bear Lake; Judith Johnson, Maple Grove; Bernard Thuening, with distinction, Minnetonka; Teresa Wheeler, with high distinction, Brooklyn Center.

**Real Estate:** Mary Lee, Minneapolis.

**UDC in Engineering and Science (90 credits):** Anas Najati Abu-Khadra, Edina.

**UDC in Industrial Engineering (90 credits):** Richard Westmark, Tonka Bay.

## Fall Quarter 1984

**Alcohol and Drug Counseling Education:** Janet Breene, with distinction, Minneapolis; James Carbone, Worcester, Mass.; LaVonne Hiatt, with high distinction, Minneapolis; Theresa Powell, with distinction, Ham Lake; Robert Sigmundik, New Brighton.

**Behavior Analyst:** Deborah Peterson, with high distinction, St. Paul; Jeffrey Sigafoos, with high distinction, Minneapolis.

**Commercial Art:** Deborah (Stace) Brown, with high distinction, Cottage Grove; Caroline Panlener, with high distinction, St. Paul.

**Human Services:** Edythe Bluske, with distinction, Minneapolis; Gayle Godfrey, with distinction, Minneapolis; Errol Krom, with distinction, Rochester; Caroline (Gerald) McFarland, with distinction, Minneapolis; Raymond Petersen, with distinction, Duluth.

**Interior Design:** Pamela Benner, with high distinction, Eagan; Susan (Hegstrom) Stoor, with high distinction, Rochester; Charlene (Koepplin) Wiest, with distinction, Maple Grove.

**Liberal Arts:** Janet Droege, with distinction, Minneapolis; Dwayne Lee, Duluth.

**Mathematics and Science:** Dean Schwappach, Golden Valley.

**Senior Accounting:** Margaret Fischer, with distinction, Lakeville.

**Senior Business:** Lois Woyak, with distinction, Eagan.

**Junior Business:** Scott Carver, Plymouth; Marian (Mounts) Danielson, with distinction, Minneapolis; Steven Heer, with high distinction, Minneapolis; Jeffrey Johnson, with distinction, Lindstrom; Patricia Miller, Minneapolis; Joan Russell, Fridley; Bette Videen, with high distinction, Edina.

**Industrial Relations:** Brian Bebel, Mendota Heights; Fredrica (Holtzer) Berg, with high distinction, Minneapolis; Mark Billeadeau, with high distinction, Minneapolis; David Erickson, with distinction, Minneapolis; Sandra Forsman, Eden Prairie; Paulette (Stalock) Gordon, with high distinction, Minneapolis; Virginia Latacki, with high distinction, Hopkins; Christine Murray, with high distinction, Bloomington; Marlene Robertson, Bloomington; Carol Woodbury, with distinction, Minneapolis.

**Information Systems Analysis and Design:** James Green, with high distinction, Hastings; Steven Hudoba, with distinction, St. Louis Park; Susan Kelly, with high distinction, Minneapolis; Julia Landry, with distinction, Crystal; LeeNora Lowery, Maple Grove.

**UDC in Engineering and Science (45 credits):** Steven Haselius, with distinction, Columbia Heights; Timothy Whitaker, with high distinction, Minnetonka.

**UDC in Computer Science (45 credits):** Steven Galchutt, with distinction, Hopkins.

**UDC in Computer Science (90 credits):** Richard Heir, St. Paul; Lloyd Skelton, with distinction, Minneapolis.

**UDC in Electrical Engineering (90 credits):** Mark Freese, Eagan.

**UDC in Electrical Engineering (135 credits):** Nam Huu Hoang, Minneapolis.

## UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO USPS 711-240

**Registration Office:** 101 Westbrook Hall  
Telephone 373-3195

**Charles R. Cheesebrough**  
Editor

Info is a newsletter for University of Minnesota Extension Classes students published 9 times a year—August, September, October, November, December, January, February, March, and April-May—by the Department of Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, Minnesota 55455. Second Class Postage Paid, Minneapolis, Minnesota. POSTMASTER: Send address changes to Info, Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455.

Students are encouraged to submit editorial opinions to the department. For address changes and name removals, see the instructions on the mailing panel.

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, religion, color, sex, national origin, handicap, age or veteran status.

The contents of this publication and other University bulletins, publications, or announcements are subject to change without notice.



**Vera Schletzer, Director of the Extension Counseling Office, will retire next month after 25 years at the University. Schletzer, who earned a doctorate in psychology and is a licensed consulting psychologist, is the only director the counseling office has ever had. She organized the office, with a staff of three, in January 1966, and it has grown into one of the largest advising units of its kind in the country. Schletzer also has taught beginning through advanced psychology courses, both in the day and in the evening, and served on many University committees, especially those concerned with women's issues. Her co-workers in Continuing Education and Extension thank her for her dedication and wish her well.**

### Split Rock Arts Program

## Elevate your spirit and your talent

The Split Rock Arts Program returns this summer combining people, learning, and place to provide an exciting experience in the arts.

The program is based in Duluth, a location that offers the facilities of a major college campus but the charm of a maritime city with the natural beauty of the North Shore close at hand.

Through week-long workshops you can explore an art in an inviting, supportive atmosphere in classes led by accomplished artists.

Topics abound—paint landscapes, create original prints, write personal essays, design and construct quilts, examine poetry and politics, write a play or short story or longer fiction, create children's picture books, prepare a visual or written journal, handbuild pottery, investigate the nature of creativity—more than 40 workshops are offered.

Courses are offered for credit, but noncredit, reduced-tuition registration is available. Qualified students may earn graduate credit.

On-campus apartments and excellent food services are available at very low cost on the University's Duluth campus.

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## Informal Courses—natural learning this summer

Informal Courses offer natural and easy study opportunities this summer with several courses emphasizing the great outdoors.

Informal Courses are short-term, non-credit classes that offer college learning

in a casual way, without the pressures of exams, assignments, or grades. Many classes feature field trips or guest speakers. See the partial listing below; complete course descriptions are in the Summer Extension Classes Bulletin, pages 95-100.

**IC O205 Natural History of the Prairie.** Influence of prairie on American history and settlement; the prairie as an ecosystem; identification of grasses, flowers, birds, animals; grassland ecology, restoration. Trips to Schaefer Prairie, Red Wing, southwestern Minnesota, plus five evening meetings, July 22-Aug. 19.

**IC O217 Marsh, Swamp, Bog, and Fen—Minnesota's Wetlands.** September trips (cool, bugless) to see insectivorous plants, a dark and quiet black spruce swamp, an alkaline fen with showy flowers, a cattail marsh, peat fields; classification of wetlands, typical flora and fauna; hydrology. Field trips plus five evening meetings, Sept. 2-30.

**IC O234 Wildflowers of the Oak Savanna.** One evening meeting plus one field trip, Aug. 7, 9. Also offered: **Wildflowers of the Bog** (June 12, 14) and **Wildflowers of the Prairie** (July 10, 12).

**IC O241 Herbs for Every Garden.** Identification, culture, harvest and uses; hands-on propagation lab. Meets three times at Minnesota Landscape Arboretum.

**IC O274 Nature Photography, Art and Technique.** For those who want striking photos, background in natural history coupled with practical field techniques can yield an exciting new photographic experience. Topics: bird photography without a telephoto lens; "wet-belly" photography; film and equipment choices; composition and camera technique. Three Saturday morning field trips, five evening meetings, June 23-July 21.

Other Informal Courses offer sailing in the Apostle Islands waters and to Isle Royale in Lake Superior, archaeology and ecology of prairies, career planning strategies, and fundamentals in golf or tennis.

Split Rock opens June 29 and new workshops begin each Sunday for seven weeks.

For information about registration and accommodations, as well as complete course descriptions, call the Split Rock

Arts Program at 373-4947 (in late May, this number becomes 624-6800).

## Career planning

Start making your career plans now, with the Career Planning Workshop, and this fall begin the educational program to help you realize your goal.

The workshop meets Wednesdays, 6 to 8 p.m., from May 21 to July 2 (six sessions). Cost is \$105. Call 373-3905 for registration information (625-2500 later in May).

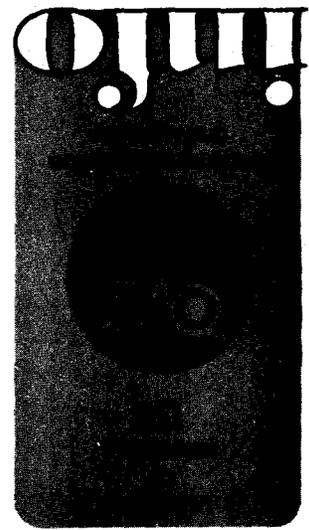


Career counseling, including a set of career assessment inventories, also is available through the Extension Counseling Office. Students complete an interest inventory, a values questionnaire, and a personality inventory. Results are reviewed with a professional counselor in both group and individual sessions. Cost is \$80 for current and prospective students and \$125 for others (fees will increase July 1). Call 373-3905 (625-2500) for more information.



**SPLIT ROCK**  
arts program

Duluth, Minnesota



**Info (USPS 711-240)**  
 Extension Classes  
 University of Minnesota  
 180 Westbrook Hall  
 77 Pleasant Street S.E.  
 Minneapolis, MN 55455

To correct your name or address on our lists, send the entire address panel and mailing label from your **Info** to Extension Classes, University of Minnesota, 180 Westbrook Hall, 77 Pleasant Street S.E. 55455

Second class postage paid, Minneapolis, Minnesota

## Try a tour with a teacher

Discover travel with a difference this summer—in Alaska, the Rockies, Italy, Sweden, and Minnesota's North Shore.

Study and Travel Adventures combine the satisfactions of learning with the pleasures of a vacation through small group tours led by University instructors.

For more information about the tours listed below—including a newly added art tour of Italy—call 376-7500 (624-3300) or see descriptions in the summer bulletin.

**Art Treasures of Italy** (STA O946), September 1-15, 1986. Travel with art history professor Michael Stoughton to Rome, Florence, Venice, and other historic sites; see the Borghese Gardens, the Sistine Chapel, Uffizi Museum, Pitti Palace, Academia Museum and works by Rubens, Titian, Michelangelo, Raphael, Bellini, and more.

**Birds of Minnesota's North Shore** (STA O945), June 20-22. Spring and early summer behavior of a variety of migratory birds; weekend stay at Cascade Lodge.

**Rocky Mountain Wildflower Photography Workshop** (STA O936), June 15-22. The Big Sky, Montana, area provides countless opportunities for both close-ups and spectacular land-

scapes. Lone Mountain Ranch offers fishing, riding, nature hikes, and great food, as well.

**The Wildlife and Wild Lands of Alaska** (STA O923), July 18-29. A 12-day natural history tour, escorted by wildlife professor Jim Cooper, to Alaska's greatest sites—Denali National Park, Kenai National Moose Range, Prince William Sound and the Columbian Glacier—and featuring beautiful dense green forests, rugged mountains, caribou, moose, whales, trumpeter

swans, arctic loons, and more in this land synonymous with wilderness.

**Natural History of the Swedish Countryside** (STA O938), June 20 to July 4. A review of the origins of many of the customs, foodways, and influences that Swedish immigrants brought to Minnesota. Cottage industries and handicrafts, the natural history and terrain of Sweden and its effect on lifestyles, vegetation and wildlife, emphasis on rural Sweden and firsthand experience in the field.

## Telephone changes coming

The University's new telephone system is still under installation.

Several offices will be changing telephone numbers this month. We have included both current and new phone numbers in this issue of **Info** and in the summer bulletin (if they were available).

If you reach a University number that has been changed, you will receive an intercept message giving you the new

number or instructing you to call University information for the new number.

Some frequently used telephone numbers are shown below with their replacement phone numbers. Please note corrections for the new numbers for the Minnesota Book Center and the Health Sciences Bookstore; they were incorrect in last month's **Info**.

Information	Current Phone	New Phone
Bulletins, registration forms	376-3000	624-2388
Registration Office (101 Westbrook)	373-3195	625-3333
Extension Counseling Office	373-3905	625-2500
Informal Courses, Samplers, Study and Travel Adventures	376-7500	624-3300
Research Expeditions	373-3926	624-9345
Continuing Education for Women	373-9743	624-5267
Study Abroad (ECOSA)	373-1855	625-3379
Independent Study	373-3256	624-0000
Elderhostel	376-2704	624-7004
Rec Sports	373-4200	625-6800
Bookstores		
Minnesota Book Center	373-3688	625-6000
Smith Bookstore (West Bank)	373-4450	625-3000
Health Sciences	—	625-8600
Books Underground (St. Paul)	373-0800	624-9200

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