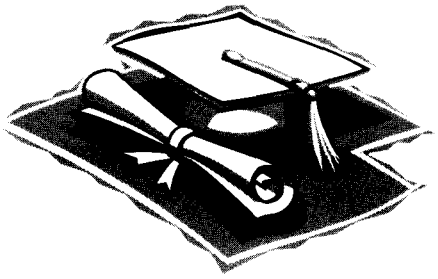
UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing Education and Extension Students

Volume 23 / Number 1 / August 1992 Continuing Education and Extension

Invest in the future . . . invest in yourself



Extension students bring plenty of experience—and motivation—with them to class every evening.

They're people like you, who work during the day in business, government, and at home, but they invest in themselves and their futures by taking college courses to advance careers and finish degrees. And they come to the University of Minnesota for a lot of very good reasons that you should consider.

- **Choose just what you need.** Take classes to acquire the skills you want for career advancement or to complete a degree. Hundreds of Extension classes are scheduled each year in over 100 academic departments.
- **A proven quality program.** Extension has been offering University evening classes for over 70 years. Classes are taught both by regular faculty and practicing professionals appointed by the academic departments as adjunct faculty. You get the best of both a nationally known major teaching and research institution located in a large metropolitan business center. Dozens of degree options and majors can be completed through evening classes.
- **Extension classes are cost-effective.** The University of Minnesota is your public University, providing affordable education in the land-grant tradition. Tuition averages about $75 a credit.
- **All the advising you need—days or evenings.** From program planning to financial aid to career development, you can get the help you need from the CEE Counseling office. Full-time professional advisers, who specialize in helping adult and part-time students, can help you get started . . . and finish.
- **Convenience, service.** Simple registration by mail makes it easy to enroll. Classes meet evenings and weekends when working people can attend (but daytime classes are open through Extension registration, too). And most classes are held on the centrally located East Bank and West Bank campuses, with thousands of low-cost parking spaces available after 4:30 p.m. right on campus, usually within three blocks of your classroom, in attendant-staffed ramps and lots.
- **Explore, experiment, grow.** Anyone may enroll in Extension classes. You don't have to be in a degree program. Try classes in computers, marketing, composition, geography, health, nutrition, engineering, art, biology, and many more areas. You can find out what college classes are like and discover if you are "college-able" before committing to a degree or certificate program.

If you haven't received your copy of the new 1992-93 Extension Classes bulletin, call 624-2388 to request a copy.

It's all in the new bulletin

Much is new in the 1992-93 Extension Classes bulletin. See other stories in this issue of *Info* about changes in procedures and policies. Note the following.

No more red ink. Using red ink on interior pages in the bulletin has been discontinued at a significant cost savings, which will help keep Extension Classes "in the black." For years, course titles and course section information were printed in red ink to designate courses with limited enrollment.

The **star symbol** in front of the section number indicates those sections of courses that have limits on the number of students that may register. (Stars formerly appeared in front of the course number in most cases.)

Courses in area studies—those non-language courses that deal with the culture, arts, history, or literature of a particular country or language—are now grouped together under the head **Area Studies Programs** in the bulletin (page 98). Programs there this year include East Asian Studies (EAS), Latin American Studies (LAS), Middle Eastern Studies (MidE), and South Asian Studies (SoAS). Often these courses are concurrently offered through other departments such as history or religious studies.

Language courses and some culturally related courses in certain language programs are now grouped in the **Institute for Languages and Literatures**. This year that includes Chinese (Chn), East Asian Languages and Literatures (EALL), Japanese (Jpn), Korean (Kor), Polish (Pol), Russian (Russ), Serbo-Croation (Serb), Marathi (Mar), Persian (Per), Turkish (Turk). See the bulletin, page 339.

Inside:

Policies and procedures change for 1992-93

Academic year 1992-93 will now be remembered in Extension Classes as the year of the "big change."

So much is new in registration procedures and systems, we can only give them brief coverage here. Be sure to read through your bulletin and review the section on registration information (pages 20-24), in particular.

Most of the changes are the result of (1) computerization of the registration system and (2) policy changes recommended by the University's central administration. In general, most students will be better served as a result of these changes. Procedures and policies are tighter, in some respects, and some options no longer exist. Certain day school practices have been adopted, but generally they benefit nontraditional students. As a result, the identity of Extension Classes as the unit that serves adult and part-time students will be strengthened.

Key issues to know are listed here.

- **Students who are admitted to degree programs and who are classified as nonresident, non-reciprocity students must pay the nonresident tuition rate.** See the student status chart elsewhere in this issue. Registration records indicate this requirement will not affect the large majority of evening students since most already are residents (or are establishing residency) or they are not in degree programs.
- **VISA and MasterCard are now accepted in payment for tuition and fees for Extension classes.**
- **Refund schedules now parallel the day school refund schedule.** You will receive a full refund if you cancel officially anytime during the first week of class. (Basically, this means students may attend the first class and still cancel without penalty.) See the official policy as outlined in the bulletin, pages 59-60. (Special terms and summer terms may vary.)
- **Registration forms are bound into the Extension Classes bulletin** (at the back). The new form replaces the old multi-part carbon form, and its use will save paper and expense. Two forms are included. Call 624-2388 to request additional forms, or you may pick them up at registration offices (Wesbrook Hall, MacPhail Center). You also may photocopy the form if you need additional copies.
- **Extension registration records and procedures are computerized.** The system was tested in the spring, put into use in the summer, and is working efficiently as we start the fall registration period. When you register, registration staffers in Wesbrook can immediately tell you about space availability and changes in course information, and they can make changes to your student information record (but not your transcript!).
- **New fee statements are in use.** You will receive a computer-generated confirmation of registration that serves as your official proof of enrollment.
- **You must pay when you register.** Whether you register by mail or in person, you must pay tuition immediately, preferably with a check, money order, or credit card authorization at the time you register. Cash is accepted at the Wesbrook Hall office during in-person registration periods. (Only pre-arranged third-party billings and verified financial aid recipients may delay payment.)
- **Reopening day is discontinued.** Since students no longer can reserve a space in class without immediate payment, there is no longer a "reopening" day when forfeited spaces in classes are made available. Spaces in classes that previously had filled will become available immediately when a student cancels. When someone registers, the class then closes again.
- **No-credit (nontranscript) registration, at reduced rates, has been discontinued in credit classes.** Formerly, no-credit registration was open to the general public in certain Extension classes (those marked with the diamond symbol) and to teenagers accompanied by an adult. Only persons 62 and older still may elect the no-credit registration option, as mandated by state law (space-available basis only; tuition is waived but all fees must be paid; no transcript record is kept). High school students interested in college classes through PSEOA or College in the Schools classes should check with their high school counselors. All PSEOA students at the University of Minnesota are registered through a special advising office.
- **Registrations can no longer be accepted on the St. Paul campus.** In-person registration is only at 101 Wesbrook Hall on the east bank campus; the MacPhail Center in downtown Minneapolis; and the downtown St. Paul registration booth at the Norwest Center.
- **Graduate tuition must be paid when you register if you take courses for graduate credit.** This was an option for several years and it is now required. If you wish to transfer previous course work taken for graduate credit to your Graduate School record, you must pay the difference in tuition rates in effect at the time of the transfer. See the bulletin for details.
- **Late fees apply separately to each course you register for.** For example, if you register for two courses during the first week of classes, you pay the $5 late fee on each course (total of $10 in late fees). See the late fee schedule on page 24.
- **Limited Saturday hours added for in-person registration.** During the in-person registration periods for fall, winter, and spring quarters, the registration office in 101 Wesbrook Hall is open Saturday from 9 a.m. to 1 p.m. These dates are Sept. 12, Dec. 12, and Mar. 13.

With the new registration systems, it's all holds barred

If you know (or even suspect) that you have a hold on your records because of an outstanding fee or fine, clear it up as soon as possible.

The new computerized registration system in Extension Classes is linked to your permanent record. The system will not permit you to register if you have a hold; no classes can be reserved and the regular data entry in the registration process ceases. Registration staff cannot override the hold or even gain access to the registration mode for your student record until the hold is removed.

Get ready for registration

Registration for fall classes begins this month. Dates and procedures are outlined here, but be sure to refer to the new 1992-93 Extension Classes Bulletin, pages 10-13 and 20-25, for complete information.

MAIL REGISTRATION

August 17 to September 16: Registrations forms with checks will be accepted by mail at 101 Wesbrook Hall for limited and nonlimited-enrollment classes. To request registration forms, call 624-2388.

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

Fill out the new registration form completely (both sides). Social security numbers and birth dates are used for coding purposes. Include your University I.D. number if you have one. The form may be photocopied if you need additional forms.

Registrations are processed daily; early registrations (received before Aug. 17) will be returned to the student.

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

IN-PERSON REGISTRATION

September 8-16: Registrations will be accepted at 101 Wesbrook Hall on the Minneapolis campus; at the MacPhail Center, 1128 LaSalle Avenue, downtown Minneapolis; or at the 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, except for Saturday, Sept. 12, when the main registration office is open 9 a.m. to 1 p.m.

The full amount of tuition and fees now is due when you register. New this year—you may charge tuition and fees on VISA and MasterCard. (Delayed payment for students on financial aid and for third-party billings is permitted if arranged ahead of time.)

Off-campus classes: Students should register by mail for classes held at neighborhood centers. In-person registrations are not accepted at these school locations. Extension classes are held at Richfield High School and Roseville Area High School—West Campus.

September 16 is the last day to register without a late fee for most fall quarter and fall semester classes.

Fall classes begin Sept. 24 (Thursday).

Graduating soon? You may arrange to register early

Students nearing completion of a degree or certificate program may obtain special permission to register early for required courses that have enrollment limits.

Submit a written request with transcripts or a letter from your major adviser verifying pending graduation within two quarters to the CEE Counseling Office, 314 Nolte Center. You must indicate the department, course number, and section number. Requests should be made at least two weeks before the start of the mail registration period in which you wish to register. Call CEE Counseling, 625-2500, for information.

For students not eligible for early registration, registration on the first day of mail registration provides the best chance of getting space in a course that has limited enrollment.

A guide to the "U"ser-friendly Extension bulletin

Even though the new 1992-93 Extension Classes bulletin is over 700 pages long, finding the courses or information you need isn't difficult if you follow some of the guides provided.

- The table of contents offers an overview of the bulletin's arrangement.
- Cross references are included with many course listings for courses on related topics offered through other departments.
- Summary listings under topics such as health, human ecology, business, education, and engineering help direct you to the specific departments with the courses you want.
- Courses that also are offered through the Department of Independent Study (by correspondence, radio, television) have the notation **(IS)** after the tuition. Call 624-0000 to request an Independent Study bulletin.
- A comprehensive index at the end of the bulletin features many single entries as well as broad topical lists such as photography, career-related courses, environmental courses, statistics, and many more.
- Page references, especially for important procedural or policy matters related to registration, dates, course information, grading, study aids, symbols, or degree requirements are included throughout the bulletin.
- A list of helpful telephone numbers appears on the front inside cover.
- The noncredit courses section of the bulletin has a purple margin border. The yellow "special pages" section describes student services and special opportunities.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO (USPS 711-240)

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

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.

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

$$ Advising and financial aid $$

Need assistance with registration and program planning for fall quarter? Advisers and counselors at the CEE Counseling Office are available to help you.

Fall quarter registration is the busiest time of the year so detailed advising and transcript evaluation may have to be postponed until later in the fall. However, advisers can assist you with course selection and other procedures for enrollment into Extension classes. (If you are new to University Extension, you may want to attend one of the information meetings described below.)

For your convenience, advisers can answer many of your questions by telephone. While phones may be very busy (resulting in a waiting period), advisers will respond to your questions as quickly as possible either when you call or by returning your phone call. Call 625-2500 for assistance.

Information sessions help you get started in college

Returning to school? Need to know how to register and what to take?

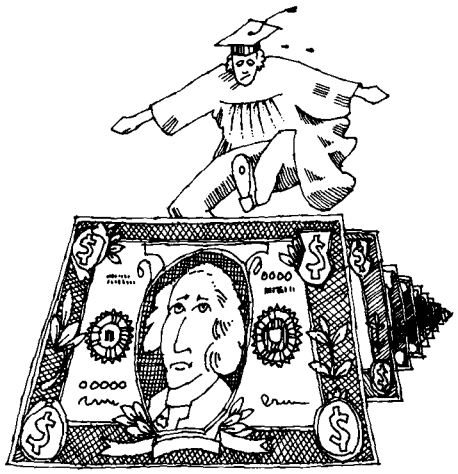
The CEE Department of Counseling will offer two types of group information sessions this fall for students new to the University or CEE. These meetings, held during August and September, will provide information on the different CEE registration options; see below.

Evening, correspondence, and media-assisted courses: Registration information sessions are for individuals who wish to find out more about CEE and are considering taking evening classes or courses by correspondence, radio, and TV. These sessions will provide information on returning to school, the University system, registration procedures, degree program admission and major requirements, and how to select courses. Financial aid information and referral for an assessment of financial aid eligibility will also be included.

After receiving general information, students will be able to meet in small groups according to their academic interests. In these groups, they will learn information specific to their intended area of study. There will be an opportunity to ask individual questions, and if students bring a transcript, they will be able to discuss their transfer of credits.

Day courses: Joint Day/Extension registration information sessions describe how CEE students can take classes during the day. This is a convenient alternative for students who can take daytime classes or who want to pick up a course not currently offered in the evening. Although many day classes are open to Extension students through this registration option, joint Day/Extension registration may not be for everyone. It is recommended that students considering this option discuss their plans with a CEE adviser before attending an information session. (Regularly enrolled day school students may not register for additional day classes through this option.)

Please call CEE Counseling at 625-2500 if you have questions or wish to sign up for one of these information sessions.



Financial aid workshop

The CEE Counseling office offers a financial aid workshop each month. Topics covered in the workshop are loan, grants, and scholarship programs; eligibility requirements; and application procedures. The workshop is designed for students pursuing their first bachelor's degree. Although the workshop is free, space is limited. Call 625-2500 for date, time, place, directions, and to reserve your space.

Adult and part-time students

Financial aid options exist for you, too

Financing an education can stretch many budgets beyond their limits. If you need assistance with educational costs, there are a number of resources for part-time or full-time study. While financial need is a requirement for many aid programs, merit scholarships and some educational loan programs do not require need. Other requirements, such as admission, minimum or maximum credit load, and residency, vary by program.

Grants and scholarships are the most desirable types of financial aid because recipients are not required to repay them. The major grant programs are the federally funded Pell Grant and the two state-funded programs—Minnesota State Grant and the Minnesota Part-Time Student Grant. All three programs require financial need and are limited to students who have not completed a bachelor's degree.

Adult part-time Continuing Education and Extension students of color who have financial need—but who are not eligible for other grants, scholarships, or employer tuition reimbursement—are encouraged to apply for the IDS Minority Access and Retention Grant. Both undergraduate students and students who have completed a degree and need additional undergraduate courses for admission to a graduate program will be considered.

Other Continuing Education and Extension (CEE) scholarships include the Nolte, Remington, Schott, Women's Christian Association and Mucke/Roff Scholarships. These scholarships are intended for part-time adult CEE students who have financial need, but are ineligible for other grants, scholarships, or employer tuition reimbursement. Both undergraduate students and students who are enrolled in additional undergraduate work beyond their first bachelor's degree will be considered.

In addition to the CEE scholarships, there are a number of other departmental, collegiate and University-wide scholarships for which Extension students may qualify. Some of the departmental, collegiate and University-wide scholarships require financial need and others are awarded on merit only.

continued page 5

The Academic Connection

We've given you the best of "U"

Through several unique and innovative evening courses this year, you can have the specialized, in-depth learning opportunities that make a college education something more than just taking classes.

Extension Classes program director Susan Henderson says the new courses (and some popular repeats) are part of an effort to provide stimulating, premium learning choices for adult and part-time students.

"We want to give Extension students the kind of high-quality learning experience they associate with advanced courses at a major university—an experience that is based on stimulating interaction with expert, senior faculty in small classes, an experience that need not be limited to day school students or graduate seminars," says Henderson.

Henderson

The results are several courses and series of courses, often interdisciplinary in nature, that include consideration of critical problems, collaborative learning, and comparison and analysis of important issues.

These courses are listed in the Extension Classes bulletin and open to registration by anyone (some may have prerequisites). You need not be in a degree program, but if you are, note that most courses can be incorporated into group distribution requirements in various University degree programs.

Call 625-3898 to request the Academic Connection brochure, or see the 1992-93 Extension Classes bulletin for complete descriptions (page numbers are given in parentheses).

* * *

Ways of Knowing. In this popular course series (ID 5615-5616-5617), you join a faculty team of six professors who will explore ways of knowing in art history, philosophy, biochemistry, genetics, Afro-American Studies, and psychology. How are the modes of inquiry and analysis in one discipline, such as psychology, different from or similar to those in another, such as genetics? How are questions framed and research techniques developed in one area versus another? What can science researchers, social scientists, and humanities scholars learn from one another?

The three-quarter sequence is broken into 5-week segments, each one focusing on a different discipline. Faculty members participate in all sections, not just the one they teach. (348)

Black Americans: Socialization, Personality, and Behavior (Afro 1025). Development of the black psyche and of the black person and black culture. (76)

World Food Problems (AgEc 5790). Social, economic, and technical problems of feeding the world's growing populations. Perspectives from social and economic sciences, plant and animal sciences, health and nutrition. (80)

The Sixties Revisited (HSem 3070). Clarke Chambers reviews the turbulent 1960s with emphasis on five key movements: civil rights, feminism, environmentalism, neighborhood action, and the anti-war movement. (Honors seminar; requires honors office permission, 3.50 GPA) (318)

Creative Americans and Their Worlds (AmSt 3111). Selected Americans and their work in portraying American values and conflict related to nature versus technology and development. The garden myth in literature and art; urban art; skyscrapers and the Chicago school of architecture; Frank Lloyd Wright; writings of Crevecoeur, Emerson, Thoreau, Mark Twain, Frank Norris, Tom Wolfe. (83)

Visual Thinking (Arch 1031). Conceptual thinking, visual understanding, right-brain thinking through observation and conception and drawing; translation from verbal/logical thinking to creative/intuitive mode. (93)

Traditional Chinese Calligraphy (ArtS 3420). Taught by exchange faculty from the Zhejiang Academy of Fine Arts, Hangzhow, P.R.C. Traditional calligraphy materials, techniques, and styles will be explored. (No Chinese language skills required.) Also offered in EAS, EALL (116,341)

Hispanic Women in the U.S. (Chic 3330). Hispanic women in the labor market; education; family. (134)

Classic and Contemporary Science Fiction (Engl 3910). Traditional works, elements, themes; gender and politics. The romance of progress versus the terror of technology. (240)

Advanced Fiction Writing: The Writer's Notebook (EngW 5110). Use of journals in the process of imaginative writing. Transition from notebook to journal to fiction/memoir/poetry. Notebooks as collections of thoughts, brilliant and dull, and receptacle and progenitor of ideas. Reading examples from Camus, Fitzgerald, Kafka, Mansfield, Nin, Woolf. (246)

The Scientific Revolution (HSci 1812). The revival of ancient scientific thought in the Renaissance, overthrow of old ideas and methods, 17th-century events, experiment and analysis; Copernicus, Kepler, Galileo, Harvey, Newton. (317)

Animal Biology (Biol 3111). Comparative physiology; coordination, movement, support; body systems. (126)

Japanese Management Systems (BGS 3019). Selected functions examined in detail. Organization, trade, management characteristics, business and government. (129)

History of Cuba and Puerto Rico (Chic 3427). Historical development from Spanish conquest to present. Early contact, colonization, slavery, Hispanic Caribbean society and culture; Operation Bootstrap; Cuban Revolution. (135)

Adolescent Psychology (CPsy 3303). Physical, cognitive, and social development. (139)

American Sign Language I (EPsy 1601). Fundamentals of ASL as a second language. Varieties of sign language and practices, questions, commands, simple sentences. Receptive and Expressive sign vocabulary building. (209)

financial aid

from page 4

Educational loans can provide additional funding. Loans must be repaid, however, and interest rates and repayment terms vary by the type of loan. Stafford requires financial need and is the largest of the loan programs. Stafford Loan interest is subsidized while the borrower is in school; repayment begins six months after the student drops below half-time enrollment or graduates. Other educational loans, such as Supplemental Loans for Students (SLS) and Student Educational Loan Fund (SELF), do not require financial need, but interest rates and terms are not as favorable as those offered by the Stafford Loan.

Most financial aid programs require admission to a degree or certificate program. Exceptions are the Minnesota State Grant, Minnesota Part-Time Student Grant, and CEE scholarships. Students are encouraged to inquire about admission and financial aid at the same time.

Many aid programs will remain open well into the academic year. For additional information, contact CEE Counseling, 314 Nolte Center; 625-4334.

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Career changers, step forward

Considering a career change? Need help in exploring possibilities or planning a job search?

The CEE Counseling department offers individual counseling for students who want assistance in identifying career options. Career testing is available to help students clarify their interests, values, and personal characteristics for effective planning and decision making. A fee is charged for these counseling services. Call 625-2500 for further information and to schedule an initial counseling appointment.

How course costs are determined

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.

In addition, beginning this fall, Extension students who are admitted to University degree programs and classified as nonresident/non-reciprocity students must pay the nonresident tuition rate.

Tuition and other fees are given with each course listed in the Extension Classes bulletin.

All 1000-level courses, regardless of college, are $68.50 a credit for residents, reciprocity, and non-degree students. 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—or school or department in some cases—apply to resident/reciprocity students and non-degree students (subject to change without notice).

General College	71.00
Liberal Arts	71.00
Public Affairs	71.00
University College	71.00
Management	77.00
Architecture, Landscape Arch	77.00
Institute of Technology	77.00
Education	77.00
Human Ecology	80.50
Agriculture	80.50
Biological Sciences	80.50
Natural Resources	80.50
Nursing	80.50
Public Health	90.00
Health Science Units	90.00
Physical Medicine	90.00
Pharmacy	91.00
Veterinary Medicine	119.00
Medical School	124.00
Graduate School	160.00

Master's degrees programs offered in the College of Agriculture, School of Public Health, and College of Education have a tuition rate of $94 a credit.

"What tuition do I pay?"

Different tuition rates are listed with each degree credit course. (Exception: If you are registering for a course that has a course number beginning with zero, 0XXX, only one rate will be listed for that course.)

If you have been admitted to a degree program at the University of Minnesota and are classified as a nonresident, non-reciprocity student, you will need to pay nonresident tuition rates. Answer the questions below to determine your status; only one will apply.

( ) **I have never been admitted to a degree program at the University of Minnesota. (Pay resident tuition rates.)**

( ) **I have been admitted to a degree program at the University of Minnesota and am classified as a resident or reciprocity student. (Pay resident tuition rates.)**

( ) **I have been admitted to a degree program at the University of Minnesota and am classified as a nonresident, non-reciprocity student. (Pay nonresident tuition rates.)**

Student status is subject to compliance review. Students must indicate their status and sign a confirmation of student status, similar to those indicated here, on the new registration form.

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Bookstores put time on your side

University bookstores are open later on weekdays with hours that should be useful to Extension students who come to campus in the late afternoon. Regular hours are 8:30 a.m. to 5:30 p.m., Monday through Thursday (until 5 p.m. on Fridays), at the Minnesota Book Center (Williamson Hall) and the H.D. Smith Bookstore on the west bank. At the Health Sciences Bookstore (Moos Tower) and Books Underground (St. Paul campus), regular hours are 8:30 a.m. to 5 p.m., Monday through Friday.

In addition, University bookstores are open extended hours before classes begin and during the first week of each quarter to make it easier for you to shop for textbooks and course materials. The additional hours are given below for fall. (The first week of fall classes is considered Thursday-Wednesday, Sept. 24-30).

Note also that the Minnesota Book Center is open Saturdays during fall quarter (starting Sept. 12).

Minnesota Book Center, Williamson Hall (east bank), 625-6000. Books for most departments in CLA, IT, Education, and General College.

Before classes begin: Tuesday, Sept. 8, through Wednesday, Sept. 23, 8:30 a.m. to 6 p.m.

First week of classes: Thursday, Sept. 24 through Wednesday, Sept. 30, 8 a.m. to 7:30 p.m. (Friday, Sept. 25, 8 a.m. to 6 p.m.).

Saturdays: Sept. 12 through Dec. 19, 10 a.m. to 2 p.m. In addition, hours are extended on Sept. 26 (10 a.m. to 4 p.m.) and Dec. 12 (9 a.m. to 4 p.m.).

Harold D. Smith Bookstore (west bank), 625-3000. Books for the School of Management, several CLA departments, and music education (see page 30 for listing).

Before classes begin: Monday, Sept. 21, through Wednesday, Sept. 23, 8:30 a.m. to 6 p.m.

First week of classes: Thursday, Sept. 24 through Wednesday, Sept. 30, 8 a.m. to 7:30 p.m. (Friday, Sept. 25, 8 a.m. to 6 p.m.).

Saturdays: Sept. 19 and 26 and Oct. 3, this bookstore is open 10 a.m. to 2 p.m.; also Dec. 12, 9 a.m. to 3 p.m.

Books Underground (St. Paul campus), 624-9200. Books for classes on the St. Paul campus.

First week of classes: Thursday, Sept. 24, and Monday, Sept. 28, 8 a.m. to 6:30 p.m. (Friday, Sept. 25, 8 a.m. to 5:30 p.m.; also Tuesday and Wednesday, Sept. 29-30, 8 a.m. to 5:30 p.m.).

Health Sciences Bookstore, 2-544 Moos Health Science Tower, 625-8600. Books for courses in the health sciences.

First week of classes: Thursday, Sept. 24, and Monday, Sept. 28, 8 a.m. to 6:30 p.m. (Friday, Sept. 25, 8 a.m. to 5:30 p.m.; also Tuesday and Wednesday, Sept. 29-30, 8 a.m. to 6:30 p.m.).

Bookstores are closed on University holidays (Nov. 26,27; Dec. 23,24,25; Jan. 1).

Nutrition course applies to CLA science requirement

Working on the CLA Group B requirement (Physical and Biological Universe)? Here's a course you may not have considered: **FScN 1612 Principles of Nutrition.**

The four-credit course is offered twice this year in Extension, late afternoons this fall and evenings in the spring. Topics include basic nutritional requirements for humans, function of nutrients, nature of deficiencies; vegetarianism; weight loss, fad diets; activity and obesity; cancer, heart disease; food processing, safety; world food problems. See the bulletin, page 265 for description.

Bookstore tips

- 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. (Note: Students in Composition courses should attend class before buying books).
- Generally, books are available at the bookstores on the campus where the department offices are located (even if the classes meet elsewhere). In the course offerings section of the bulletin, a note appears near the beginning of each department's listing identifying the appropriate bookstore to find books.
- You may call for book information and to check on textbook availability. Call early in the day and be ready to give the department and course number (rather than the course title or topic). This is especially important for General College courses or other colleges or departments with courses in a variety of areas.
- Be sure to save the sales receipt if you buy textbooks. If it becomes necessary, you may return books for a full refund through Oct. 9 provided you have the sales receipt and the books have not been marked, written in, or damaged in any way.
- The best time to sell your fall quarter books back to the bookstore is Dec. 7-12. Resale of your textbooks is not assured. The bookstore buys back books that have been identified for use in subsequent terms, in good condition, and only in quantities necessary to meet expected need.
- Refer to pages 29 and 30 in the Extension Classes bulletin for more information about bookstores, hours, and buying and selling textbooks.

Advisers ease you into school

Watching someone bloom academically is like raising a child—it's very satisfying, says Nancy Gonzalez, a program adviser in Continuing Education and Extension at the University of Minnesota. And like parenting, you answer questions, you offer guidance and advice, and you listen.

"The biggest obstacle people face is themselves—they're not sure if they're ready, if they can make the commitment," say Gonzalez. "They may have tried and not succeeded in the past. We can't guarantee success, but if they decide to try, we can help with the rest of the hurdles like making class choices, planning a program, exploring career options, reconstructing their academic history, and so on."

People often are motivated to return to school by some watershed event, one that makes them consider the value of education in their lives, Gonzalez says. "It may be a divorce, a career stalemate, but it's some sort of trigger. Maybe it's even just a birthday" she says.

The hardest part is making that first step, often because some people face it with too much apprehension. That's where the CEE advising office can help, Gonzalez notes, since it provides no-risk, no-obligation information meetings and advising by professionals who specialize in helping part-time and adult students.

"My typical students have a year or two of college, often right here at the 'U.' Maybe they didn't do especially well, and they stopped out to work or have a family, and now they're back, 5, 10, or 15 years later," Nancy says. "But there are many other cases too. Some already have a degree but are underemployed and need a career change. Other folks can't do their jobs for whatever reason. I've seen a construction worker who just said he was getting too old for the job, and a letter carrier who hurt her back. They often are apprehensive about starting something new," she says.

Now they have a motivation that helps in all they do. "Adult students often juggle multiple roles very effectively—parenting, full-time employment, community involvement," Gonzalez says. "Some are naturals, others learn to do it. For most, it's simply part of what it takes to finish college."

Financial aid adviser Fran Van Slyke-Zaslofsky agrees. "We really are a second-chance institution here in CEE because you can start, or return, without the pressure of admission standards or a lot of preparation," VanSlyke-Zaslofsky says. "Many people weren't ready for college at age 18, but as adults they become excellent, dedicated students. Just because you didn't succeed the first time, doesn't make you a failure—that's not the way it is around here."

* * *

You still can attend a fall information meeting. Meetings are held on campus, 5:30-7 p.m.; free parking is provided. Call 624-2388 to reserve your space.

Gonzalez

Van Slyke-Zaslofsky

Convenience off campus—Roseville and Richfield

Take a class near home or work this fall. Extension credit classes are scheduled at Roseville Area High School and at Richfield Senior High School.

Register for these classes through regular mail or in-person registration procedures.

Registrations are not accepted at these sites or at school district offices.

Fall quarter classes are highlighted below. See the bulletin, page 742, for more information.

Roseville Area High School—West Campus

Comp 1011	Writing Practice
EPsy 5651	Managing Problem Behavior in the Classroom
FSoS 1001	Dynamics of Family Relationships
GC 1111	Weather and Climate
Math 1111	College Algebra and Analytic Geometry
Math 1201	Pre-Calculus
Math 1211	Calculus I
Psy 3604	Abnormal Psychology
Econ 1101	Principles of Economics (semester)

Richfield Senior High School

Comp 1011	Writing Practice
Mktg 3000	Principles of Marketing
Math 1111	College Algebra and Analytic Geometry
Math 1201	Pre-Calculus
Math 1211	Calculus I
Psy 1001	Introduction to Psychology
Econ 1101	Principles of Economics (semester)

Extension classes often are scheduled at other off-campus sites, as well. Locations are given with courses in the bulletin.

Courses about AIDS

Anthropology of AIDS (Anth 5920). Analysis of AIDS; cultural, social, economic, medical, psychological dimensions. Fall quarter, 4 credits, TTh, 4:30-6. See bulletin, page 91.

Public Health Approaches to AIDS (HSU 5010, PubH 5010). Survey of HIV infection from a public health perspective. Intervention; epidemiological and clinical features; impact and response in affected populations and the community; policy issues. Fall quarter, 3 credits, MW. Repeated spring. Bulletin page 302.

The Biology of AIDS (CSch 0540). More than a million people in the U.S. are believed to be HIV infected, suffering from a disease for which there is no cure. Focus on biology, immunology, origin of the virus, biochemical structure, function and life cycles of viruses, HIV and the immune system. Winter spec term, no credit, W, Feb. 3-24. Bulletin page 584.

Free workshop on financial aid

The CEE Counseling Office offers a monthly financial aid workshop for current and prospective Extension Classes, Independent Study, and Summer Session students. The workshops are designed for students who are pursuing their first bachelor's degree.

Please call CEE Counseling at 625-2500 for dates and times. The workshop is free, but space is limited so call for a reservation.

MAP. . . directions for professional growth

MANAGEMENT ADVANCEMENT PROGRAM

In a rapidly changing work world, learning can mean everything in making you effective on the job and keeping your organization competitive and efficient.

The new Management Advancement Program (MAP) provides high-quality, accessible professional development opportunities on topics that really matter in today's business environment. Each MAP seminar is designed to combine academic depth with real-world experience. You learn from outstanding faculty selected both from the University and the professional community. And the MAP staff are listening to their clients; MAP curriculum and planning is shaped by a business advisory board.

Most classes meet for one or two days and are scheduled at the comfortable, easily accessible Earle Brown Continuing Education Center adjacent to the St. Paul campus.

The MAP season starts off with a motivational message from an award-winning writer and expert on organizational dynamics, Robert Veninga, a professor in the University's nationally acclaimed health services administration program. **Thriving on Change: A Message of Growth, Humor, and Hope for People in All Organizations**, a one-morning presentation, Sept. 21, is a hard-hitting but humorous look at why workers become discouraged, how mistrust arises, and directions that can help restore productivity.

Call 625-0174 for registration materials for this seminar and others scheduled this fall, including the following.

Self-Assessment and Skill Building for Management Success

Writing Skills for New Managers and Supervisors

Coaching, Empowerment, and Delegation

***Intercultural Communication in the* Workplace**

Effective Contract Administration

Marketing in Mature Markets

Customer-Centered Culture—Leadership, Quality, Innovation, Speed

Leadership and Persuasive Writing

Shop Floor Management

Business Finance and Accounting for Planners and Decision Makers

. . . and many more.

Put a little learning in your weekend

Weekends were made for learning, but we don't necessarily mean homework.

Combine a getaway with a stimulating (but still informal) Compleat Scholar or Mind and Muse weekend retreat.

Call 624-8880 for information about the weekend opportunities listed below. VISA and MasterCard are accepted. Most include accommodations, meals, instruction.

Finding Your Place: Photography and Knowing (Oct. 2-4). Set in the Duluth area, this Mind and Muse weekend combines intellectual exploration with artistic experimentation. Using cameras and collage, the group will explore the natural and human environments to discover whether seeing is actually believing. A chance to explore how much of what we see is shaped by what we know and vice versa. Ideal for creative photographers, writers, artists or anyone who wants to consider how images influence ideas. Led by philosopher Naomi Scheman and photographer Stuart Klipper.

Heartland Culture on the Prairie (Sept. 25-27). The influence of the prairie in shaping attitudes and values in the Midwest. Prairie experiences of Native Americans, early explorers, settlers, and today. Images in literature (Willa Cather, Ole Rolvaag) and other media; revival of prairie heritage. Pipestone area.

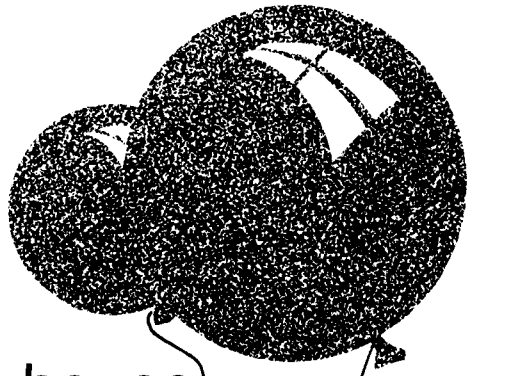
Mid-Life Career Audit: Deciding What To Do with the Rest of Your Life (Nov. 13-15). Are you at that stage in your life when you would like to explore new options, think about a career change, develop an accurate picture of your work self, or do some planning for the next stage? This weekend seminar is designed to help you evaluate your adult interests, values, and personal characteristics and apply this information to job satisfaction. Includes interest inventory and Myers-Briggs assessments. Meets at Wilder Forest Retreat Center near Stillwater.

Career counseling

Individual career counseling is available through the CEE Counseling Office for adult and part-time students who want assistance in career, educational, and life planning.

Career testing is offered to help students clarify their interests, values, and personal characteristics for decision making.

Call 625-2500 for further information and to schedule an initial counseling interview. (A fee is charged for these career assessment and counseling services.)



Come to the open house

You're invited.

Continuing Education and Extension will present its first "Education Fest," Wednesday, Sept. 9, 5 to 8:30 p.m., at Nolte Center on the east bank campus.

Education Fest is an open house by CEE and for you, the adult and part-time student. The atmosphere is informal, but there's plenty to do. For instance:

- Learn about degrees and extension classes
- Pick up catalogs, course information
- Get information about financial aid
- Shake hands with Goldy Gopher
- Free posters, bookmarks, pencils
- Park free!
- Talk with a program adviser
- Take a campus tour
- Register for prizes
- Discover new learning opportunities: self-paced independent study courses, research internships, management seminars, teacher education, and much more.

The registration office in Wesbrook Hall is open until 8 p.m., and you may register for a class that evening.

Free parking is provided in Nolte Garage, on campus next to Nolte Center, on the evening of the Education Fest. From University Avenue, turn right on 17th Ave. S.E. (Church Street on campus). Go straight ahead one-half block to the garage.

Have questions, need directions? Call 626-9494.

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

Second class postage paid, Minneapolis, Minnesota

Registration continues for fall terms

You can still register for fall term Extension classes.

Registration by mail started Aug. 17 and continues through Sept. 16. In-person registration is Sept. 8-16 at the locations listed below.

101 Wesbrook Hall—Minneapolis Campus. Register in person at 101 Wesbrook Hall between 9 a.m. and 8 p.m. (except for Friday, Sept. 11, when the office closes at 4:30 p.m.). Also open Saturday, Sept. 12, 9 a.m. to 1 p.m.

MacPhail Center, 1128 LaSalle Avenue—Downtown Minneapolis. Registrations are accepted at the MacPhail Center office between 9 a.m. and 6 p.m. (except for Friday, Sept. 11, when the office closes at 4:30 p.m.). Closed weekends.

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. Closed weekends.

Registrations no longer are accepted at the Coffey Hall (St. Paul campus) class reservations office.

Students are urged to register early and to pay tuition with a personal check or money order. You also may charge tuition and fees on VISA or MasterCard. 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 of them have already filled. Register as early as possible.

The last day to register without a late fee is Sept. 16 for most classes.

If you miss the Sept. 16 deadline, you can register with a $5 late fee on Sept. 17 and 18. Late registration continues on Sept. 21 through the first week of classes with the $5 late fee.

See page 27 in the bulletin for office hours once classes have begun (Sept. 24).

Education—another perspective

An introspective view of education, spirituality, and the nature of self is considered in **EPsy 5900 Education, Development, and Spirituality.** Participants will be asked to engage questions with open inquiry; current sources in educational psychology and related disciplines are covered. Includes guest lectures, group discussion, written responses on key themes. Meets Mondays, 4:30-7; 3 credits. Graduate credit available. Instructors are Professor Frank Wood and Associate Professor V. Lois Erickson.

* * *

See the course description in the bulletin, page 223, or call Extension Classes at 625-1855 for information.

CLA students must report enrollment status

Students in degree programs in the College of Liberal Arts are required to notify the college when they will not be enrolled in a subsequent quarter. You must submit a "leave of absence and noncontinuation form" if you will not be registering in the next quarter. Check with the CEE Counseling Office on procedures, 625-2500.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES
INFO (USPS 711-240)

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

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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UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing Education and Extension Students

Volume 23 / Number 3 / October 1992 Continuing Education and Extension

Computerized registration and records arrive

The new computerized registration system was up and running for fall. There were some delays during in-person registration. These occurred because, in the new system, class reservations, payment, and confirmation of registration all happen in one step and in one place. Staffing and procedural adjustments will help allay the problems for winter.

To make registration go as smoothly as possible, remember the following.

- Mail registration is convenient, requires no waiting in line, and offers you the best chance of getting space in limited-enrollment classes.
- VISA and MasterCard are accepted for tuition and fees for Extension Classes.
- Please use the registration forms bound in at the back of your bulletin. (Additional forms are available at 101 Wesbrook Hall or may be ordered by calling 624-2388.)
- Classes may close at any time. You can check on space availability at the registration office; lists of closed classes are posted (telephone 625-3333). But remember that registrations received by mail are processed in the order they are received, and your class could fill up before your registration is processed. If you can, send in your registration so that it arrives on the first day of mail registration.
- Space in limited classes is assigned as registrations by mail are received. Once in-person registration starts, space in class also is assigned to walk-in registrants.

Learn about financial aid

The CEE Counseling Office offers a financial aid workshop each month. Topics covered in the workshop are loan, grants, and scholarship programs; eligibility requirements; and application procedures. The workshop is designed for students pursuing their first bachelor's degree. Although the workshop is free, space is limited. Call 625-2500 for date, time, place, directions, and to reserve your space.

Life goes on, plan for it

Control your financial and health future through the Compleat and Practical Scholar. Several noncredit courses are scheduled this fall to help you learn about investing and planning for retirement. Call 624-8880 for registration materials for the courses described here.

Why a Living Trust? (PSch 0806). The revocable living trust is an alternative to guardianship and probate. Learn the details in this one-session, morning class at the St. Anthony Park Library, Nov. 17.

Understanding the Living Will (PSch 0807). Legislation has extended the legal rights of competent adults to make their own health care decisions in advance of a time when they may not be able to do so. Instructors are elder law attorney Rosalind Keppler and professor emeritus Dr. Benjamin Fuller of the Department of Medicine. Nov. 10; meets at St. Anthony Park Library also.

Financial Planning for the Woman on Her Own (PSch 0903). Financial planning, investing. Assessing income needs, net worth, insurance, tax status, income sources. Meets Nov. 11 and 18 at Walker Library, Minneapolis.

Deciding What To Do with the Rest of Your Life: Mid-Life Career Audit (CSW 0801). A reflective weekend seminar to help you re-evaluate your adult interests, values, and personal characteristics and then apply this information to increase job satisfaction. Includes interest inventories, Myers-Briggs assessment. Developing an action plan. Meets Friday evening to Sunday noon at Wilder Forest Retreat Center, Nov. 13-15.

THE PRACTICAL SCHOLAR

Child psychology majors should see peer advisers

Extension students majoring in child psychology are urged to check in regularly with the Peer Advising Office in the Institute of Child Development. Advisers are available to discuss plans, review requirements, and discuss course options. Students sometimes have missed changes in requirements or opportunities for added classes, staff have said, because they don't consult with advisers before registering. Call 624-0526 to check days and hours.

Prepared parkers prevail

When it comes to parking on campus, a little planning and study goes a long way. Plenty of options exist and there are hundreds of spaces available, but some may be less convenient or more expensive than others. Here's information that will help you. Also see the parking maps at the back of the bulletin (some changes have been made and alternatives added since the bulletin was printed). Call Parking Operations at 626-PARK with questions or for specific information.

Public parking lots and ramps

Surface lots and ramps that charge hourly rates or a flat rate are open to public parking throughout the day and evening.

On the East Bank, the most accessible include the Fourth Street Parking Ramp and surface lots such as Lots 33 and 37 just off Fourth Street and 17th Ave. S.E., as well as the new Huron Boulevard Parking Complex (the old Transitway Lot) just off Oak Street and Fourth Street S.E. East River Road Ramp, behind Coffman, also is open and is an alternative for students attending class on that side of campus.

On the West Bank, the West Bank Ramp and Lots 90, 93, and 95 are open to the public.

On St. Paul campus, S101 on Cleveland and Commonwealth, and S104 next to the Earle Brown Center for Continuing Education, are the most convenient public lots.

Contract lots, garages, carpool lots

Some major contract facilities open for public parking after 4:30 p.m. On the East Bank, these include (usually) Nolte Garage, Coffman Union Garage, and Northrop Garage, as well as some surface contract lots such as C55 (near Dinkytown), C4, and C82 (Oak and Washington).

On the West Bank, C88 (the Law School lot) is available.

Do not park in any contract lot or garage where no attendant is on duty. Your car could be ticketed and towed.

Car pool lots open to general parking at noon. These include several conveniently located lots—Lots 35 and 36 on the East Bank (on Fourth Street S.E.), the Wildcat Lot in the Huron Blvd. complex, and Lot 94 on the West Bank.

Como park-and-ride facility

Parking is free at the remote parking lot at Como and 27th Ave. S.E. Shuttle buses that go to the Minneapolis and St. Paul campuses cost 35 cents each way (subject to change) and run every 40 minutes. Call Transit Services, 625-9000, weekdays during business hours to check whether the schedule coincides with your evening class times.

If your class meets on an "event" night—pick up a hang tag

When special events, such as sporting events at Williams Arena and performances at Northrop Auditorium, occur on campus, special event rates go into effect at 4:30 p.m. at many of the public and contract lots, ramps, and garages. (In addition, some facilities may be by reservation only.)

Extension students may park in Lot C51/33 on the East Bank after 4:30 p.m. at the regular daily rate if they have a special-event hang tag.

Many students will not need hang tags. Note the following requirements.

- Hang tags are given out in person only at the Extension Classes Registration Office in 101 Wesbrook Hall. The office is open evenings, Monday through Thursday, until 8 p.m. when classes are in session. Proof of current registration is required.
- Hang tags in fall quarter (and in most terms) will be given only to students whose classes meet on the East Bank of the Minneapolis campus (event rates seldom apply at other campuses).
- Hang tags are valid only for the weeknight(s) that the student's class actually meets.
- Relatively few special events conflict with Extension classes. For fall quarter (Sept. 24-Dec. 12), event rate parking probably will apply on the following weeknights: October 22, 27, 28; November 19, 25; December 1, 2, 3, 9, 10. However, other dates could be added.

A parking space is neither reserved nor guaranteed in this lot. Space is limited; lots could fill at any time. Please allow extra time to park and get to class on event nights, especially if you arrive on campus after 6 p.m.

Dec. 2 includes events at both Williams and Northrop and could be particularly busy.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO (USPS 711-240)

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

Charles R. Cheesebrough
Editor

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Beware of parking tickets

Parking regulations are enforced vigorously on campus.

General parking on Pleasant Street in front of Wesbrook Hall is not permitted. Several spots are designated as handicapped parking only. Vehicles parked in those spaces without required permits or license plates displayed are subject to fines and towing.

The most convenient short-term parking is the Church Street Ramp/Garage, the below-ground ramp adjacent to Morrill Hall. The entrance is on Church Street (17th Avenue S.E. off campus), directly across from the Architecture building.

For school, health, helping professionals

Workshop classes on child health and behavior

Several one-day classes or short courses on health, behavior, and social issues are scheduled this fall through Extension Classes. Many focus on problems associated with pregnancy, children, and adolescents.

These courses are open to anyone and are especially useful to teachers, social service workers, counselors, health professionals, parents, and clergy. Brief descriptions or titles are given below; bulletin pages are indicated. Registration is open now and usually extends up until a week before the class without a late fee. (Late registration at the door is sometimes possible.) These classes generally are offered for one credit; graduate credit is available.

Call 625-3322 for questions about registration.

PubH 5650 Teenage Pregnancy and Parenting: Models for Intervention. Especially for health/social service providers and educators working with youth on issues of pregnancy, abortion, parenting, and adoption. Theory and applications. Counseling adolescents, developing programs. Meets Saturday, Oct. 31, 8 a.m.-4:30 p.m., one credit, $105. Page 448.

Fall courses from Child and Adolescent Psychiatry are listed below. These one-day workshops meet Saturdays, 8:30 a.m.-3:30 p.m., $124 (resident credit). Graduate credit is available. See course descriptions beginning on page 135 in the bulletin.

CAPy 5629 Attention-Deficit Hyperactivity Disorder: Diagnostic Strategies and Educational Interventions. ADHD and the related behavioral and educational problems it presents. Definition, causation theories, assessment techniques. Treatment approaches including parent management and educational intervention. Role of medication. Nov. 7.

CAPy 5623 Affective Disorders and Suicide in Children and Adolescents: Perspectives on Prevalence, Etiology, and Prevention. Nov. 14.

CAPy 5629 Psychiatric Medications for Children and Adolescents. Dec. 5.

CAPy 5630 Psychotherapy in Children and Adolescents. Nov. 21.

CAPy 5633 Anxiety Disorders in Childhood and Adolescence. Oct. 24.

See also courses listed under **Youth Studies** (YoSt), including both short-term workshops and regular quarter-length classes on working with youth and their families (Nov. 13,14,15) and later in the year on working with youth individually, working with groups, and experiential learning options. Page 521.

See dance . . .

The Northrop Dance Season features major troupes and innovative programming again this year.

In December, Mikhail Baryshnikov performs the buoyant work of legendary choreographer Twyla Tharp (Dec. 18).

The holiday season also features the Joffrey Ballet's "Nutcracker," Thanksgiving weekend through Dec. 6, with several matinee and evening performances.

Other highlights of the season include Chinese Theatre Circle of Singapore (Oct. 10); Lyon Opera Ballet (Oct. 27,28); San Francisco Ballet (Nov. 19,21); Don Cossacks Song and Dance Company (Feb. 6); Merce Cunningham Dance Company (Feb. 26,27); Pilobolus Dance Theatre (Mar. 13); Feld Ballets/NY (Apr. 13,14); and Garth Fagan Dance (May 12).

Call 624-2345 for ticket information.

. . . do dance

The dance program has undergone changes in recent years and has developed a greatly expanded curriculum in Extension.

Introductory courses are offered in modern dance, ballet, jazz dance, ballroom, and tap. Some course sequences (but not all) start only in the fall, so you may want to check immediately if you're interested in trying to begin this year. (If you have some experience, you may be able to start in mid-sequence.)

Several topics courses and special-interest classes also are offered, including Indian classical dance, flamenco, musical theatre skills, dance for the athlete, Afro-Caribbean dance, and body-work (movement as communication).

See the bulletin, pages 174-178 for course descriptions or call the dance program office, 624-5060.

Tutoring available in beginning language classes

To help you gain mastery in foreign languages, Extension Classes has instituted a new tutoring program as a part of certain popular language classes.

This fall, tutors will be available to help students enrolled in the initial courses in the beginning and intermediate course sequences (1101 and 1104) in Spanish and in the beginning French and German courses (1101 only).

The service continues winter and spring quarters in the second and third courses in the sequences.

Tutors will be available to answer questions, help you review, explain usage, and provide the support you need to help make your learning experience a satisfying one. It's free, take advantage.

Announcements will be made in class the first week of the term about hours and arrangements.

About the cover

The original art done for the 1992-93 Extension Classes bulletin is the creation of Nashville artist Tony Novak. He is doing six covers for 1992-93 CEE publications, including the cover for the Department of Independent Study bulletin.

Novak combines air brushing with sponge and brush painting to provide, as he says, "the look of relief sculpture, the illusion of shallow depth on the surface, a sculpted textured look." His style is influenced by his interest in anthropology, archaeology, and American Indian culture.

Call 624-2388 for a free color poster.

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

INFO
University of Minnesota
A Newsletter for Continuing Education and Extension Students

Second class postage paid, Minneapolis, Minnesota

Changes in Rec Sports procedures

Starting this fall, Extension students who elect to pay for the recreational sports participation permit must do so in person at the Rec Sports Office. Extension Classes offices no longer will be collecting those fees or selling permits.

The change consolidates sales and information in one place which will make it easier to adjust procedures and rates during the year when several new facilities in the University Recreation Center are expected to open.

To purchase the participation permit (a sticker that is affixed to a picture I.D.), a student needs to present proof of enrollment (the new computer-generated fee statement/confirmation of registration).

Rec Sports offices are in 101 Cooke Hall on the Minneapolis campus (625-6800) and 104 St. Paul Gymnasium on the St. Paul campus (625-8283). Office hours generally are 8 a.m. to 6 p.m., Monday through Friday.

Students registered for three or more credits pay $16; for two or fewer credits, the rate is $24. Rates are subject to change at any time, and a mid-year fee increase is very likely, according to Rec Sports officials.

in short . . .

Manage your career

Where does your career future lie? The CEE Counseling Office will offer its popular career planning workshop in fall quarter to get you started answering this question.

The workshop provides an overview of the career planning process and assists you in clarifying your interests, values, and personal characteristics as they relate to careers. Topics include researching occupational information, evaluating career alternatives, and developing an action plan. Meets Wednesdays, 6 to 8 p.m., Oct. 28 to Dec. 9 (six sessions). Fee for the workshop is $110. For registration information or questions, contact Susanne Peterson, workshop counselor, at 625-2500.

Computer user fees go up

The price for computer cards (see the bulletin, page 165) has been raised to $40 a quarter effective this fall.

Computer cards are available from the cashier's office in Extension Classes, 138 Wesbrook Hall, beginning about two weeks before classes start. Offices are open evenings, Monday through Thursday, when classes are in session but vary during registration periods and between quarters. Call 625-3333 to check hours before coming in.

Computer access cards are necessary to use computer labs on campus. Courses in CSci, IDSc, and other departments have computer laboratory requirements. Check with your instructor on computer requirements if you are considering using a computer of your own.

Computer cards must be purchased with a separate check; do not include as part of your tuition.

Lunch with the Bard

Project Shakespeare, the English department's year-long, multicultural celebration of Shakespeare and his work, presents "Shakespeare a la Carte," a biweekly series of sonnet and play readings.

Meetings are at 12:30 p.m. in 207a Lind Hall and begin Sept. 30 (*Midsummer Night's Dream*). Remaining fall quarter dates are Oct. 14 (*Romeo and Juliet*), Oct. 28 (*Macbeth*), Nov. 11 (*As You Like It*), and Nov. 25 (*Winter's Tale*). Readings continue winter and spring quarters. No acting or memorization skills are required; listeners are welcome, too. Bring your lunch, your copy of the play, and indulge in the Bard.

Call 624-7577 for more information.

UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing Education and Extension Students

Volume 23 / Number 4 / November 1992 Continuing Education and Extension

Registration opens early for winter, spring terms

Changes have been made to the registration schedule for the remainder of the academic year. Mail registration starting dates are moved up so that registration periods will begin two weeks earlier for winter quarter, spring semester, spring quarter.

Registrations for Extension classes (listed in the Extension Classes bulletin) will be accepted by mail starting November 2 for winter quarter and spring semester classes. Registration for spring quarter will begin February 1.

"This fall was the first big registration period on a new computer system which replaced a manual system that had been in use for decades," says Extension Classes director John Malmberg. "It is difficult to implement such a major change without finding some procedures that will need adjustment."

One change that is needed is to allow more time for processing registrations. By starting mail registration earlier, we can insure that mail registrations are up-to-date when in-person registration starts.

Why is such priority put on mail registration? There are distinct advantages to you, the students, that result in better service. First, by registering as early as possible, you have the best chance of getting space in limited classes. Second, you can register from home and save yourself a trip to campus and a possible wait in line.

Mark your 1992-93 bulletin now. Winter quarter dates appear on page 15, spring semester on page 17, and spring quarter on page 19. Registration closing dates and other dates remain as printed.

* * *

Registrations through Extension for day school classes (listed only in the day school class schedule) will be accepted starting Nov. 12 for winter quarter and Feb. 23 for spring quarter.

Holiday reminder

November 26-27
(Thursday, Friday)
Thanksgiving holiday
All offices closed.
Classes do not meet.

Revised registration dates

Winter Quarter 1993	November 2–December 16
Spring Semester 1993	November 2–February 3
Spring Quarter 1993	February 1–March 17

CLA advising offered evenings

If you're admitted to a degree program in the College of Liberal Arts and have questions about your graduation requirements, you can now meet with a CLA graduation adviser during the evening.

CLA graduation advisers are available by appointment on Mondays until 6 p.m. during fall, winter, and spring quarters. CLA pre-major advisers also have Monday evening appointments and walk-in hours for admitted students. Call your CLA advising office to schedule an appointment or confirm walk-in hours.

CLA Pre-Major Advising Offices

B-18 Johnston Hall 624-9585
(Pre-Mgmt, Pre-Education, CLA majors, Undecided)

30 Johnston Hall 624-9006
(Pre-Health Science, Pre-Science, Pre-Technology)

CLA Upper Division Advising Offices

East Bank majors 624-4545
West Bank majors 624-5848

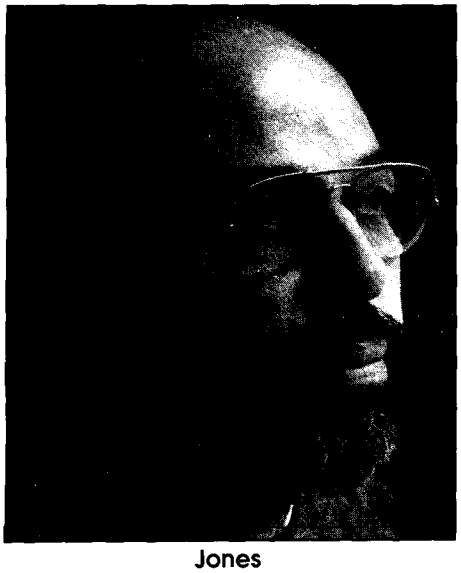
On the inside

Divorce—academic style

Science and the arts, irreconcilable differences?

Physics professor Roger Jones is a scientist with the soul of an artist. In several credit and noncredit courses he has taught over the years in Extension, he has reviewed the historical conflict between humanistic values and scientific reductionism. "Science can have an idolotrous character," Jones says. "The concentrated analysis of physical evidence and the sheer volume of scientific knowledge can dehumanize the spiritual and intellectual emphasis we give to understanding our universe."

Can science and art be reunited? Can the ancient marriage bond between them be restored? In a weekend-long metaphor, Jones and theatre professor H.Wesley Balk will lead students through a dramatic enactment of what the divorce trial might be like.



Jones

Their weekend retreat course, **Art and Science: Divorce or Reconciliation?**, combines discussion, study, and performance. Beginning in divorce court, the group considers the philosophical, emotional, and spiritual aspects of the conflict by hearing testimony from witnesses such as Plato, Athena, Walt Whitman, and Gandhi. Participants then consider the testimony and other resources, add their own reflections and experience, and add scenes to the marriage.

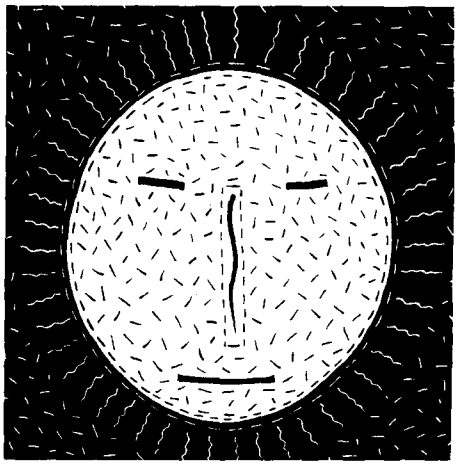
Many questions are posed. How are individuals affected by the separation of science and art? What are the consequences for the future of civilized culture? Are we simply passive witnesses to this drama as it grips our spirits and unfolds in our lives, families, and workplaces? Or can we all become actors in the drama that promotes human enlightenment?

Using its deliberations, impersonations, and improvisations as raw material, the group will develop a climax to the drama at hand. Will it be a funerary rite, Jones and Balk ask, or can we reunite the alienated parties and heal our souls and intellects? Perhaps on Saturday night, they suggest, the group could be celebrating a joyous ceremony of renewal and remarriage.

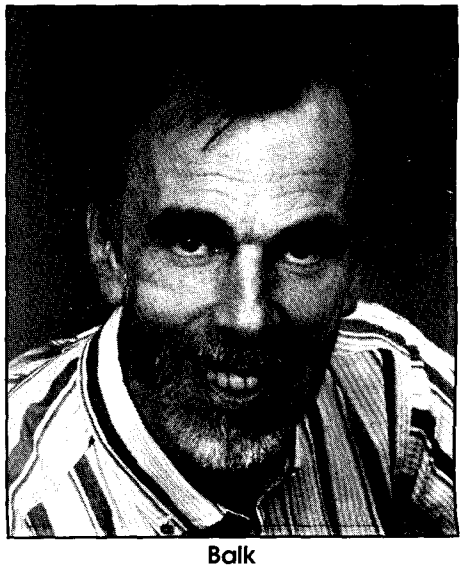
* * *

This Mind and Muse noncredit weekend course is offered jointly by the Compleat Scholar and the Split Rock Arts Program. Meets February 19-21 (Friday evening to Sunday noon) at Riverwood Conference Center, Monticello. Includes two nights lodging (double occupancy), five meals, use of

MIND AND MUSE



indoor pool and spa, instruction and materials, taxes and gratuities. Call 624-8880 for registration information.

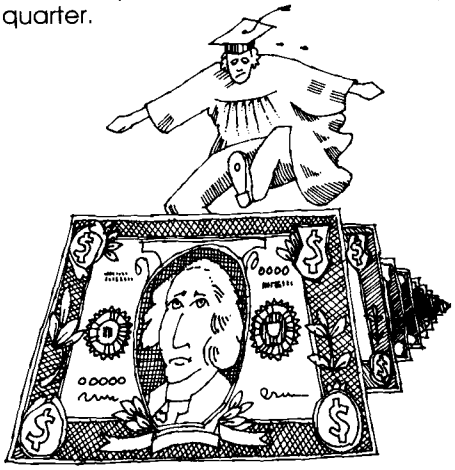


Balk

Inquire now about loans, grants, scholarships

Financial aid is still available for the 1992-93 academic year. If you need help with educational expenses, the CEE Counseling Department staff can assist you in exploring options.

Minnesota Part-Time Grant, Minnesota State Grant, Pell Grant, Stafford Loan, Supplemental Loan for Students (SLS), Parents Loans for Students (PLUS), and the Student Education Loan Fund (SELF) are among the options for both winter and spring quarters. The IDS Minority Access and Retention Scholarship and the Nolte, Remington, Schott, Women's Christian Association, and Mucke/Roff scholarships will be available spring quarter.



All of these financial aid programs are open to adult, part-time students. Requirements vary by program regarding admission, residency, inclusion or exclusion of students with a prior bachelor's degree, and minimum and maximum credits allowed.

While most programs require financial need, several loan programs—such as SLS, PLUS, and SELF loans—are available to eligible students regardless of income.

For additional information, contact CEE Counseling, 314 Nolte Center; telephone 625-2500.

Exceptional learning opportunities from Extension

The Academic Connection from Extension Classes brings you the best of the "U." You'll be challenged and you'll be stimulated through these major-university program offerings for adults and part-time students that are unsurpassed anywhere in the country. From Continuing Education and Extension at the University of Minnesota, the leader in nontraditional education for over 75 years.

Garbage, Government, and the Globe

Garbage disposal is a health problem because if affects our environment.

Garbage generation is an economic problem since it is a byproduct of our active consumer society.

Garbage treatment, such as burning, is a political problem because nobody wants an incinerator in his or her backyard.

Get the idea? Garbage is a complex problem, one that involves many facets of our society. A search for solutions requires cooperative, integrated efforts. And that's the approach in this popular Interdepartmental Studies courses offered winter-spring.

"This boundary-crossing approach suits the subject," says Susan Henderson, a program director in Extension Classes who works with the academic departments in setting up many of the Academic Connection courses. "Waste management requires cooperation among disparate organizational bodies, affects several different constitutencies, and draws on different disciplines."

The course serves another educational purpose, too—applying science in a readily identifiable, real-life situation—says Henderson. "This is a multidisciplinary course which helps develop scientific literacy while addressing an important social issue," she says. Without being overly technical, this course underscores the components of scientific literacy: familiarity with the vocabulary of science; understanding the scientific method and means of investigation; and understanding the impact of science and technology on our lives.

Faculty come from across the University and the team generally includes instructors from engineering, biological sciences, agriculture, management, and liberal arts examining topics such as movement of toxic materials through the environment; management of solid wastes including landfills, incinerators, sewage treatment; natural resource use and environmental exploitation; economic competitiveness and productivity; and more.

This class (ID 5525-5526) meets Tuesday evenings during winter and spring quarters and is offered for 4 credits each quarter. New this year: students may enroll for either or both terms. Call 625-3898 for information and topics (bulletin page 348)

Principles of Economics/American Government and Politics

In real life, American economics and politics are integrated. Each area could be analyzed alone, but governmental practices and policies influence the nation's economic activities—and vice versa.

A new interdisciplinary offering of two introductory courses this spring reflects that real-life combination. **Econ 1102 Principles of Economics** and **Pol 1001 American Government and Politics** will be available in concurrently scheduled sections that are team taught by two senior faculty: John R. Freeman, professor of political science, and George D. Green, associate professor of history.

Topics include the principles, organization, processes, and functions of government and the interplay of political forces in the United States and their relationship to topics in macro-economics—national income, money and banking, and economic growth.

Students register for both courses and earn 9 credits total; classes meet Tuesday and Thursday evenings, 6:20-9:20 (page 193).

Call 625-3898 for registration information.

The Academic Connection . . .

- **small classes that stress interaction with University faculty and peers**
- **innovative interdisciplinary approaches to topics**
- **newly developed courses on critical problems**
- **academic resources unequaled anywhere in the area**
- **top-notch interdisciplinary faculty teams**
- **academic learning related to social issues and community involvement**

Honors Opportunities

Honors seminars are open to all qualified Extension students to insure that challenging learning opportunities, with some of the University's outstanding faculty, are available evenings to highly motivated, high-achieving part-time and adult students. Classes are offered through the CLA Honors Office. Registration is by written permission only; a 3.50 grade-point is the initial prerequisite. Contact the honors office, 624-5522, for application information.

HSem 3050 Stress, Coping, and Health. An examination of stress and coping theories, the impact of stress on health, and interventions that can be used to manage stress. An exploration of both theoretical and experiential aspects of stress and stress management interventions. Meets Tuesdays this winter, late afternoon. The instructor is Mariah Snyder, professor in the School of Nursing. (Page 318)

HSem 3080 Political Assassinations: Ancient and Modern. The history and significance of assassinations: Gaius and Tiberius Gracchus, Julius Caesar, Abraham Lincoln, Sacco and Vanzetti, John F. Kennedy, and Martin Luther King. How and what we know, why so many interpretations develop, why the truth is hard to ascertain. Meets Tuesday evenings. The instructor is Gerald M. Erickson, classics professor. (Page 319)

Science and Belief: Goethe and Newton

An examination of the opposing ways in which Issac Newton and Johann von Goethe reconciled their scientific researches with their spiritual beliefs. Newton separated them, Goethe integrated them. Historical and influences of the period. The aims of the course are to present and understand alternative approaches to scientific and artistic creativity and to gauge the role of spiritual-

continued on page 4

academic connection

from page 3

ity in the mind. Meets Tuesdays. Instructors are physics professor Roger Jones and Scandinavian studies professor William Mishler. See the description for ID 3334, page 347.

Other courses

Afro 3072 Racism: Social-Psychological Consequences for Black Americans (page 76)

AgEc 5550 Food Marketing Economics (79)

Anth 3303 Women: Anthropological Perspectives (90)

Arch 5142 Historic Building Conservation (95)

BGS 3003 Business and the Natural Environment (129)

Geog 1973 Twin Cities Geography (291)

HSci 5242 The Darwinian Revolution (317)

Phil 5321 Theories of Justice (415)

PA 5966 Ethics and Public Policy (added for winter)

RelS 3960 Current Issues in Science and Religion (sec 2; 459)

Soc 5135 White Collar Crime (482)

Spch 3451 Intercultural Communication: Theory and Practice (492)

Wost 3400 Women and International Development (sec 2; 519)

Bill Cunningham, professor of genetics and cell biology, is one of the multi-disciplinary team of faculty who teaches in Garbage, Government, and the Globe.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO (USPS 711-240)

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

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.

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

in short . . .

Ease on into school

Registration information meetings for students or prospective students new to the University will be offered in November by the CEE Counseling Department.

The sessions offer information on returning to school, registration in Extension evening classes and Independent Study correspondence courses, admission to degree programs, general course requirements, and University procedures and policies. Meetings are scheduled after work and meet on campus in Nolte Center; free parking is provided. Call 624-2388 to reserve your space.

Professional help for careers

Thinking of a career change? Looking for a new direction in life?

The CEE Counseling Department offers individual counseling for students who want help in exploring career options. Career testing is available to help students clarify their interests, values, and personal characteristics for effective planning and decision making. A fee is charged for counseling services. Call 625-2500 for further information and to schedule a free initial counseling appointment.

T-shirts, tote bags

Do you believe in worthy causes—like financial aid for evening students?

Do you like the artwork on the new Extension Classes bulletin?

Then be sure to pick up your CEE/Extension Classes t-shirt or tote bag on sale for just $10 at the registration office in 101 Wesbrook Hall. All net proceeds go to the Nolte Scholarship Fund.

You get a neat, full-color rendition of the Tony Novak illustration from the bulletin cover that goes where you go and says that you support adult and part-time students. T-shirts are high-quality, all-cotton, pre-shrunk and available in either large or extra large. The tote bags are approximately 15 X 17 inches (flat dimensions) and made of a heavy, natural finish, burlap-like material.

Call 624-WALK for an escort

The University Police Department offers escort service for students walking alone across the Minneapolis and St. Paul campuses in the evenings.

Extension students leaving classes may call 624-WALK from a campus phone to request a campus safety escort. Campus phones are located in the lobbies of most buildings.

Callers are walked to their destinations. The security escorts can go short distances off campus. Escorts generally will wait until callers going to parking lots are in their cars and have the car started.

The escort service is available 24 hours a day year round.

APEX—interactive learning for professionals

Software engineering, imaging, systems planning

The APEX program is a special learning opportunity for professionals who work in information systems and operations management and are interested in courses offered through the departments of Information and Decision Sciences and Operations Management Sciences. APEX stands for the Academy Practitioner Exchange Project.

In team settings, faculty and professional leaders work with you, practicing professionals, developing ways to study special topics in depth.

IDSc 5998 Special Topics: APEX: Imaging Technology (sec 2). Imaging is one of the key emerging computing technologies of the 1990s. This is a research course that works with the Minnesota Imaging Project in examining imaging from the perspective of how it can be used strategically in pursuit of organizational objectives. An investigation of specific imaging applications, with particular focus on understanding benefits derived, issues and limitations, and changes in work processes. Includes hands-on experience with a laboratory imaging system. Graduate credit available. Call 624-8030 for information.

IDSc 5998 Special Topics: APEX: CASE Technology (sec 4). CASE (Computer-Assisted Software Engineering) is one of the fastest growing attempts to use computing technology in support of development of computing applications. Despite its significant potential, there are issues and limitations, however. The course offers an in-depth investigation of CASE including site visits, literature summary, lecture, case discussion, group research. Because of the developmental and research nature of this project topic, permission of the instructor, Associate Professor Gordon Everest, is required. Call 624-0854. Graduate credit available.

OMS 5998 Computer-Integrated Enterprise: Planning and Development (sec 2). This OMS course concentrates on how to achieve functional and organizational integration of operations and how to develop Computer-Integrated Enterprise (CIE) teams. The class will perform competitive benchmark analysis of collected data. It also covers how to develop a corporate vision and an appropriate CIE architecture. A realistic evolution path to CIE will be derived with the participants. Case studies of early CIE successes. Graduate credit available. Call 624-7558 for information.

We're in your neighborhood

Take a class near home or work this winter. Extension credit classes are scheduled at Roseville Area High School and at Richfield Senior High School.

Register for these classes through regular mail or in-person registration procedures.

Registrations are not accepted at these sites or at school district offices.

Winter classes are highlighted below. See the bulletin, page 743, for more information.

Roseville Area High School—West Campus

Math 1111	College Algebra and Analytic Geometry
Math 1142	Short Calculus
Math 1252	Integral Calculus II
Psy 1001	Introduction to Psychology
Econ 1102	Principles of Economics-Macro (spring semester)

Richfield Senior High School

BLaw 3058	Introduction to Law, Law of Contracts and Sales Contracts
Math 1211	Calculus I
Math 1251	Integral Calculus I
Econ 1102	Principles of Economics-Macro (spring semester)

Extension classes may be scheduled at other off-campus sites, as well. Locations are given with courses in the bulletin.

Extension Classes

University of Minnesota

Phone numbers (clip and save)

Campus security escort	624-WALK
Closed classes	625-3333
Compleat Scholar (noncredit)	624-8880
Correspondence courses (Independent Study)	624-0000
Counseling Office	625-2500
Financial aid advising	625-4334
G.I. Bill	624-3341
Instructor's Phone Numbers	625-3333
Libraries	624-4552
Management Advancement Seminars (noncredit)	625-0174
Office hours	625-3333
Parking information	626-PARK
Rec Sports	625-6800
Registration forms, bulletins	624-2388
Registration office and information	625-3333
Research Explorations (internships)	625-9001
Transcripts	625-5333
University phone directory information	625-5000
Bookstores	
Minnesota Book Center-East Bank	625-6000
Smith Bookstore-West Bank	625-3000
St. Paul (Books Underground)	624-9200
Health Sciences	625-8600

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

Second class postage paid, Minneapolis, Minnesota

Winter quarter registration

Registration for winter quarter and winter special term classes begins this month.

Dates are given here for mail and in-person registration for classes listed in the Extension bulletin. As noted elsewhere in this *Info*, mail registration dates for winter quarter and spring semester have been changed; registrations will be accepted starting November 2. Be sure to see the bulletin, pages 20-25, for registration details.

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

(Registrations for day school classes through the Extension registration office will be accepted starting Nov. 12.)

MAIL REGISTRATION

November 2 to December 16: Registration forms with tuition checks will be accepted by mail for all winter classes.

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 8 to December 16: In-person registration at 101 Wesbrook Hall, Minneapolis campus; MacPhail Center, 1128 LaSalle Ave., in downtown Minneapolis; downtown St. Paul Skyway Registration Booth in the Norwest Center. See bulletin, page 15, for hours.

December 16: Last day to register without a late fee.

Tuition and fees are due at the time of registration. (Tuition may be deferred only by students receiving financial aid through the University's Office of Student Financial Aid or who have preapproved third-party billing.)

To request registration forms, the Extension Classes bulletin, or alternate choice forms, call 624-2388.

Winter quarter classes begin the week of Jan. 4 and run through Mar. 20 (includes finals week).

Spring semester

Registration for spring semester courses will run simultaneously with winter quarter registration except that mail and in-person registrations will be accepted much later, through Feb. 3, without a late fee. Only a few 15-week courses follow the semester system.

For spring semester, the important days and special procedures to note are:

- Registrations by mail will be accepted starting Nov. 2.
- The extended registration by mail and in person, after the close of the regular winter quarter registration period on Dec. 16, is Dec. 17 to Feb. 3.
- Because classes are not in session for part of this time, and because of holiday closings, office hours vary. Check the office hours on pages 27-28 in the bulletin.
- Feb. 3 is the last day to register without a late fee for spring semester classes.

See page 17 in the bulletin for complete information.

Spring semester classes meet for 15 weeks plus finals week, from February 15 through June 12. Classes are dismissed Mar. 22-28 (winter/spring break). All classes resume the week of Mar. 29.

Classes are offered spring semester in history, economics, Chinese, German, and physics.

UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing Education and Extension Students

Volume 23 / Number 5 / December 1992 Continuing Education and Extension

You still can register for winter quarter

Registration for winter quarter (and winter special term) Extension classes is open now through Dec. 16.

You may register by mail through that date, or stop by and register in person from Dec. 8-16 at the locations listed below. Note that the Wesbrook Hall registration office is open Saturday morning during in-person registration. (Registrations are no longer accepted at the Coffey Hall class reservations office on the St. Paul campus.)

Tuition and fees are due at the time of registration. Students are urged to register as early as possible and to pay tuition with a personal check, money order, or VISA/MasterCard. The St. Paul skyway registration booth cannot accept cash.

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

The last day to register without a late fee is Dec. 16 for most winter quarter classes.

Late registration by mail with a $5 late fee starts Dec. 17. Late registrations also are accepted in person at 101 Wesbrook Hall (only) starting Dec. 17. (Hours vary by date; see the bulletin, page 15.)

Offices are closed for the holidays on Dec. 23-25 and Jan. 1.

Call 624-2388 to request a copy of the Extension Classes bulletin or registration forms. For questions about registration procedures, call the registration office at 625-3333.

IN-PERSON REGISTRATION LOCATIONS—DEC. 8-16

- **101 Wesbrook 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; 9 a.m. to 1 p.m. on Saturday. Closed Sunday.
- **MacPhail Center, 1128 LaSalle Ave., downtown Minneapolis.** Hours are 9 a.m. to 6 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday. Closed weekends.
- **Skyway Registration Booth, Norwest Center, downtown St. Paul.** Hours are 9 a.m. to 5 p.m., Monday through Friday. Closed weekends.

Free parking provided for Saturday in-person registration on Dec. 12

The Wesbrook Hall registration office is open 9 a.m. to 1 p.m. on Saturday, Dec. 12, for in-person registration. Advisers will be available if you have questions about course selection and program requirements.

Free parking is provided in the Church Street Garage (validation, available from 101 Wesbrook Hall, is required when leaving the ramp). This underground ramp is located on Church Street next to Morrill Hall on the east side of Northrop Auditorium (opposite the main entrance to Architecture). Take a right off University Ave. at 17th Ave. S.E. (Church Street on campus). Proceed one and one-half blocks to the Church Street Garage. Wesbrook Hall is on the opposite (west) side of Northrop from the ramp.

Bookstore open: The Minnesota Book Center on the east bank is open 9 a.m. to 4 p.m. on Saturday, Dec. 12, and the Smith Bookstore on the west bank is open 9 a.m. to 3 p.m. You may purchase required textbooks and other materials. In addition, bookstores are open between Christmas and New Year's when some discounts apply and other Saturdays and evenings just before and early in winter quarter. See the related story elsewhere in this issue.

The 1992 recipients of the CEE Distinguished Teaching Award are (from left): Linda Budd, family therapist and lecturer, Department of Family Social Science; Donald Ross, Professor of English and Composition; James Ramsey, Professor of Mechanical Engineering; and Terry Tranter, Associate Professor of Accounting. All are long-time instructors in Extension Classes and other CEE programs and were honored for their excellence in the classroom and outstanding service to students. Winners were announced formally at a recognition event Oct. 27. The selection committee is composed of faculty, staff, and students. Nominations are invited from the University community for next year's awards; contact the CEE Dean's Office, 624-2517.

Holiday closings

Offices are closed Dec. 23-25 (W-Th-F) and Jan. 1 (F) for the holidays.

During these holiday weeks (Dec. 21-22; Dec. 28-31), registration office hours are 8 a.m. to 4:30 p.m.

Bookstores—special hours, special deals

University bookstores are open extended hours and on some Saturdays just before and early in winter quarter to make it easier for you to shop for textbooks and course materials (see schedule below).

Minnesota Book Center, Williamson Hall (east bank), 625-6000. Books for most departments in CLA, IT, Education, and General College.

First week of classes: Monday—Thursday (Jan. 4-7), 7:30 a.m. to 7:30 p.m.; Friday (Jan. 8), 7:30 a.m. to 5:30 p.m.

Saturday (Jan. 2): 10 a.m. to 4 p.m.

Saturday (Jan. 9,16): 10 a.m. to 2 p.m.

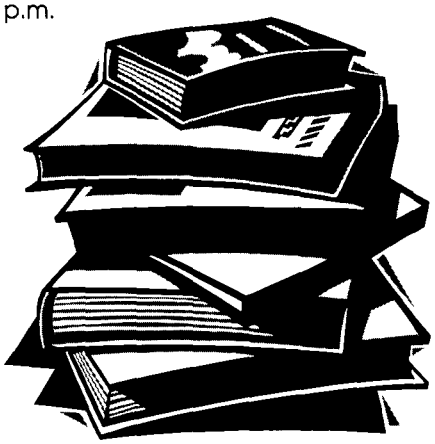
Regular hours: Monday—Thursday, 8:30 a.m. to 5:30 p.m.; Friday, 8:30 a.m.-5 p.m.

Harold D. Smith Bookstore (west bank), 625-3000. Books for the Carlson School of Management and several CLA departments (see the bulletin, page 30, for listing).

First week of classes: Monday-Thursday (Jan. 4-7), 8 a.m. to 7:30 p.m.; Friday (Jan. 8), 8 a.m. to 5:30 p.m.

Saturday (Jan. 2,9): 10 a.m. to 2 p.m.

Regular hours: Monday-Thursday, 8:30 a.m. to 5:30 p.m.; Friday, 8:30 a.m.-5 p.m.



Plan your career

Looking to the future with the coming new year?

The CEE counseling department will offer its popular career planning workshop in winter quarter to get you on track.

The workshop provides an overview of the career planning process and assists you in clarifying your interests, values, and personal characteristics as they relate to careers. Topics include researching occupational information, evaluating career alternatives, and developing an action plan. Meets Tuesdays, 6 to 8 p.m., Feb. 2 to Mar. 9 (six sessions). Fee for the workshop is $110. For registration information or questions, contact Barbara Krantz, workshop counselor, at 625-2500.

Books Underground (St. Paul campus), 624-9200. Books for classes on the St. Paul campus.

First week of classes: Monday-Tuesday (Jan. 4-5), 8 a.m. to 6:30 p.m.; Wednesday-Friday (Jan. 6-8), 8 a.m. to 5:30 p.m.

Regular hours: Monday—Friday, 8:30 a.m. to 5 p.m.

Health Sciences Bookstore, 2-554 Moos Health Science Tower (east bank), 625-8600. Books for classes in the health sciences.

First week of classes: Monday-Thursday (Jan. 4-7), 8 a.m. to 6:30 p.m.; Friday (Jan. 8), 8 to 5:30 p.m.

Regular hours: Monday—Friday, 8:30 a.m. to 5 p.m.

Bookstores are closed on Sundays and on Dec. 23-26 and Jan. 1.

Also refer to pages 29 and 30 in the Extension Classes bulletin for more information about bookstores and buying and selling textbooks.

Bookstore hints

Holiday discount: Receive a holiday discount of 10 percent on new and used textbooks on Dec. 28-31 and Jan. 2 at the Minnesota Book Center and H.D. Smith Bookstore on the west bank and on Dec. 28-31 (no Saturday hours) at the Health Sciences Bookstore and Books Underground on the St. Paul campus.

* * *

Where the books are: Generally, books are available at the bookstores on the campus where the department offices are located (even if a class meets elsewhere). In the course offerings section of the bulletin, a note appears near the beginning of each department's listing identifying the appropriate bookstore to find books.

* * *

Information by phone: You may call for book information and to check on textbook availability. Call early in the day and be ready to give the department and course number (rather than the course title or topic). This is especially important for General College courses or other colleges or departments with courses in a variety of areas.

* * *

Book returns: Be sure to save the sales receipt if you buy textbooks. If it becomes necessary, you may return books for a full refund through Jan. 15 provided you have the sales receipt and the books have not been marked, written in, or damaged in any way.

* * *

Resale of books: As noted in the bulletin, the best time to sell your textbooks is during final exams week each quarter (Dec. 7-12 for fall). Resale of your textbooks is not assured. The bookstore buys back books that have been selected for use in subsequent terms, in good condition, and only in quantities necessary to meet expected need.

Women's health, a new course

Nursing 5634 Women's Issues: A Health Perspective is added for winter quarter. An exploration and analysis of a wide range of women's health issues. Content includes multidisciplinary analysis of sexual and reproductive health, victimization, poverty, work, nutrition, physical activity, and mental health, with emphasis on health promotion. May be taken S-N. Prereq jr, sr, or grad or permission; not limited to nursing students. Limit 15 Extension students. Instructor Mary Rossi. Winter quarter, 3 credits, $241.50 (resident). Sec 1, T, 4:20–7:40 p.m., room to be assigned. This is an added class; check with the registration office, 625-3333, for more course information.

Shaping your environment

Built landscapes around the world and throughout history are reviewed in **Introduction to Landscape Architecture** (LA 1031). From gardens to cities, from the sacred to the profane, the issues and ideas which have shaped the landscape will be studied, including analysis of exemplary places in ancient to contemporary cultures. A thematic approach will guide reviewing the landscape as a set of ideas expressed in built form, proving a new understanding of our surroundings. Case studies, guest lecturers, events, readings, lecture. Students will be encouraged to find examples or to write about, draw, or build models that express the ideas they see, and begin to understand, in places that are meaningful.

Winter quarter, 4 credits, $274 (resident). Sec 1, MW, 5-6:45 p.m., Arch bldg. See the bulletin, page 365, for description.

Harmony with history: music and the times

What classical form of human expression—which is also a significant social phenomenon—could you study that combines elements of history, personal expression, popular culture, political statement, philosophical analysis, and even spirituality? (Okay, *besides* the comics section of the newspaper. We're looking for a *traditional* art form here.)

The correct answer is music. In music professor James Hepokoski's class, **Introduction to Music,** expect the study of music to take you from art to social science and back again.

Hepokoski calls the course "a blended approach" to the study of music, combining listening with lecture, discussion, and reading. He mixes history with introduction of musical forms and styles of music through major periods since about 1700.

"The blend is crucial. The course is part history, part musical structure and style, and part getting to know the important forms and representative works," he says.

Hepokoski also orchestrates discussion of basic aesthetics of the art into class; that is, the various ways of considering music. "We'll review critically the differing ways the music was viewed at the time it was written." Often music was seen from divergent perspectives, he notes, portrayed at different times in terms ranging from "simple entertainment," to "serious thought," and even to "religious substitute."

"The outcome for students is to acquire the necessary tools to think about concert music and classical music in the context of its history and structure," he says, "giving them a foundation to build upon in listening to music." As a result, he says, students will be able to recognize recurring patterns of style; they will have a guide to the basic repertory of music; and they will understand musical forms and the events and composers that influenced their development.

The course covers music from approximately 1700 to present, starting with Vivaldi, Corelli, and Bach. Special emphasis is given to Mozart and Beethoven, followed by the romantics, such as Schubert and Wagner, and later concert music forms of the 19th and 20th century. But the course is designed to be more than simple exposition of classical music over the last 300 years, he says. "I think the course is challenging and different because we portray ideas as well as musical patterns."

This introductory class does not require that students read music, but some fundamentals of musical notation are covered early in the course.

Blending happens in the student body, also. The class, offered evenings, attracts a variety of students including traditional day school students working on degree requirements as well as older students who simply are music lovers or music curious. The class is not offered during the day in winter quarter, so another good mix is likely.

Hepakoski is an active contributor to liner notes for Deutche Grammophone and RCA, including commentary on new releases of Bernstein conducting Sibelius *Symphony No. 1* and Verdi's *La Traviata* with Pavarotti performing.

Hepokoski, a Duluth native, earned his M.A. and Ph.D. at Harvard. Before coming to the University, he spent 10 years as a faculty member in the music conservatory at Oberlin in Ohio, where he received special recognition by the college for his teaching.

* * *

Mus 3021 Introduction to Music is scheduled both winter quarter and spring quarter.

This 5-credit course may be applied to the Group D distribution requirements (literary and artistic expression) in CLA, IT, and the Carlson School.

Meets Wednesday evenings, 6-10, in Ferguson Hall on the west bank. See the bulletin, page 399, for description. Register in 101 Wesbrook Hall.

Financial aid workshop

The CEE Counseling Department offers a financial aid workshop each month. Topics covered in the workshop are loan, grant, and scholarship programs; eligibility requirements; and application procedures. The workshop is designed for students pursuing their first bachelor's degree. Although the workshop is free; space is limited. Call 625-2500 for date, time, place, directions, and to reserve your space.

Descartes and the human condition

In **Writing, Reading, and Madness: The Derrida-Foucault Exchange** (Comparative Literature 3910, sec 4), instructor Hassan Melehy examines modern critical reviews of René Descartes's *Meditations* and the differences in its interpretation between French philosophical theorists Jacques Derrida and Michel Foucault. Their contention concerns Descartes's writings on the status of the thinking subject and its relation to madness. The following questions will be addressed: At what point does rational thought appear in modernity, and how does it define itself in relation to madness? In what ways does the philosophical subject establish exclusive relations? How do such exclusions continue to operate in our institutions? Martin Heidegger's interpretation of Descartes is used; readings (in English) include selections from *Meditations,* Heidegger's *The Question Concerning Technology,* Derrida's *Writing and Difference* and *Of Grammatology,* Foucault's *Madness and Civilization* and "My Body, This Paper, This Fire," and Shoshana Felman's "Madness and Philosophy."

Winter quarter, 4 credits, $284. Sec 4, T, 6:20-8:50 p.m., FolH 334. Register in 101 Wesbrook Hall.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES
INFO (USPS 711-240)

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

Charles R. Cheesebrough
Editor

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

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Weather or not, classes usually go on

Extension classes are rarely canceled for any reason, including bad weather, since missing one Extension class is often equivalent to missing a week of day school classes.

When Extension classes are canceled, there will be an announcement 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 this announcement (rather than calling); it is the quickest and easiest method of obtaining the information.

Classes that meet at neighborhood centers in suburban school districts (Roseville, Richfield) will not meet if those school districts cancel classes and close schools.

Faculty handbooks now available

Faculty, either regular appointment or adjunct, who did not receive the Extension Classes Faculty Handbook, should call 626-1348 to request a copy.

The handbook includes quarterly calendars and important dates and details about procedures and policies important to grade reporting, duplicating materials, room and equipment requests, and other administrative information.

Charge it

VISA MasterCard

Remember that you now can charge your tuition and fees for Extension classes on your VISA or Mastercard account. Complete the required information in the method of payment section of the registration form. You may use this payment option whether you register by mail or in person. (Effective this year, tuition and fees must be paid at the time of registration.)

Event night parking tags

Remember to pick up a hang tag if you will be driving to campus and parking in University east bank lots on class nights when special events are scheduled at Williams Arena or Northrop Auditorium during winter quarter.

Extension students may park in Lot C51/33 on the East Bank after 4:30 p.m. at the regular daily rate (rather than the higher event rate) if they have the special-event hang tag.

Hang tags are given out in person only in 101 Wesbrook Hall. Proof of current registration is required. Hang tags are given only to students whose classes meet on the east bank of the Minneapolis campus and are valid only for the weeknight(s) that the student's class actually meets.

Relatively few special events conflict with standard Monday-Thursday night class meetings. For winter quarter, Wednesday evenings are the busiest (Jan. 6,20; Feb. 3; Mar. 3) with Gopher basketball; one Thursday game also is scheduled (Feb. 18). Other event dates could be added. At this point, students whose classes meet on Mondays and Tuesdays have no conflicts.

A parking space is neither reserved or guaranteed in this lot. Space is limited; lots may fill at any time. Please allow extra time to get to campus and park on event nights.

Parking—in close and comfortable

Premium parking spaces, such as the contract lots, ramps, and garages, usually are open to public parking at moderate rates—except for event nights—in the evenings after 4:30 p.m.

The Church Street Garage, Fourth Street Ramp, Mayo Garage, and West Bank Ramp, and Lot 95 (West Bank) usually are open to public parking at $1.75. The East River Ramp (Levels 4, 5) and the Oak Street Ramp are $1.55. Other contract lots and Nolte and Coffman garages may be open as well; rates may vary.

Do not park in any contract lot or garage where no attendant is on duty. Your car could be ticketed and towed.

UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing Education and Extension Students

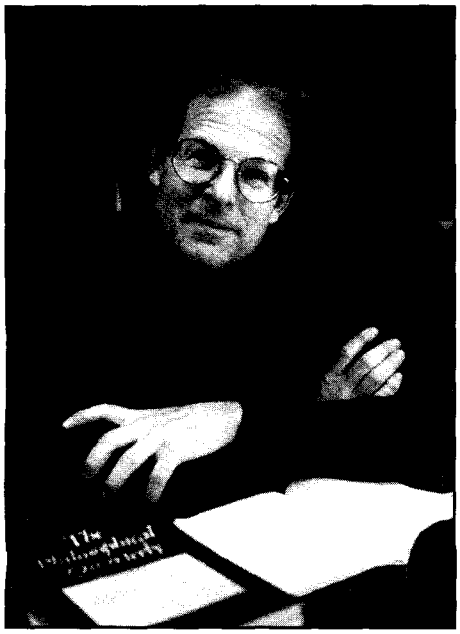
Volume 23 / Number 6 / January 1993 Continuing Education and Extension

It's a wonderful life—but why?

It could take a lifetime to determine if you lived a good life.

But everyone has some idea what it means, what it would be like, since we make decisions daily about our own lives, give advice to others about how to live, and take our stands on issues, large and small, based on those beliefs.

Don't want to wait 70 years to find out if you made it? Through a new Compleat Scholar course, you can spend a weekend clarifying your views about the good life and reflecting on the views of others.



Root

Four Views of the Good Life (CSW 0800) is a weekend retreat course led by philosophy professor Michael Root where participants work on those definitions. "We'll look at our own views and identify people who lead exemplary lives and discuss what it is they have and they do," says Root. "Then we'll discuss the work of some prominent thinkers from different eras and different areas."

Observations by economist Milton Friedman, psychologist Sigmund Freud, classical philosopher Socrates, and novelist Jane Austen are studied in the context of their disciplines. "There are factors—economic, psychological, personal, interpersonal—they wrote about that influence the good life which we can compare to our own," Root notes. At the pretrip lecture, he'll recommend some readings, such as portions of Friedman's *Capitalism and Freedom*, Freud's *Civilization and Its Discontents*, and Austen's *Pride and Prejudice*.

A logical question, Root suggests, is that if we can identify the good life, why can't we simply do it? The answer is that there are indeed obstacles, probably different ones for different people. "We'll talk about the difficulties, what causes them, and how and whether they can be overcome," Root says, citing political obstacles and other external influences as examples to consider.

* * *

This weekend course (CSW 0800) meets Feb. 5-7, Friday evening to Sunday noon, at the Wilder Forest Center in Washington County and includes lodging (double occupancy), four meals, and instruction. Register as early as possible. The pre-trip meeting is Jan. 21 at Nolte Center. Call 624-8880 for information.

History with a purpose

The environment, human rights, economic development, and related social movements receive special emphasis in **Introduction to World History: 1950 to the Present** (Hist 1013) offered spring semester.

The thematic study of history offers new perspectives both to the historic events and the ideas, according to the instructors Robert Wolff and Michelle Mouton. "We study these themes by looking intensively at three case studies—South Africa, Brazil, and China—and we anticipate lively discussion on the contemporary issues put into the context of historical study," says Wolff.

Textbook study is supplemented with novels and other types of literature, including Bessie Head's *When Rain Clouds Gather* about southern Africa and Chico Mendez's *Fight for the Forest* about environmentalism in Brazil.

Meets CLA World Studies requirement. Spring semester, Feb. 15-June 7 (15 weeks); 5 quarter credits; M, 6:20-9 p.m. See the bulletin, page 306, for a general description.

Campus jobs are listed by student employment office

Extension students looking for flexible temporary work opportunities can find them through Student Temporary Services (STS), a program of the Student Employment Center. To qualify, you must be registered for 6 credits as an undergraduate or 3 credits as a graduate student.

STS works like a temporary help agency. The on-campus assignments can range from a half-day to a full quarter or longer. Part-time or full-time positions are available. Common jobs are office assistant, laborer, and attendant, but also include skilled word processing and data entry computer work.

Most jobs are during the day, but STS sometimes receives evening and weekend work.

Stop in at the Student Employment Center, 120 Fraser Hall, to apply and to attend a short orientation to the program. A second visit to the office is required to complete payroll appointment documents after being hired. After that, job assignments can be made by phone. Payroll time cards are submitted every two weeks, either in person or by campus mail, to the STS office. Student employment hours are 8:30 a.m. to noon and 12:30 to 4 p.m. Call 624-5554 for more information.

Measuring the real value of nature

You don't know what you've got until you lose it goes the old song lyric. The sentiment should be a maxim applicable in economics, according to environmental economist David Bengston, who teaches **Ecological Economics: Economics As If the Environment Mattered** (CSch 0583) this winter.

"In traditional economics, natural resources and the services the environment provides are either left out or are viewed like any other input into the production system," Bengston says. Life-supporting functions of the environment, such as the services provided by wetlands, the climate, the hydrologic cycle, and the genetic library on which civilization depends, are treated the same as labor and capital in economic models. "The environment can't be treated that simplistically and mechanically," says Bengston.

Disregard for the essential role of the environment in economic systems and disregard for the impacts of economic activities on ecosystems are now creating problems on a global scale. By leaving the natural world out of economic models, we tend to undervalue resources that are essential for human survival in the long run. "Many resources and species play unique roles," Bengston says, "and some are irreplaceable."

Ecological economics addresses the relationships between ecosystems and economics systems. All of our major environmental problems—such as global climate change, deforestation, biodiversity loss, ozone depletion—deal with the interaction between economic systems and ecosystems. "Economists are becoming more aware that the study of human activities on a finite planet, in the long run, requires a different approach than that of traditional economic analysis of firms and national economies," Bengston says. At the same time, ecologists and other natural scientists have recognized that human economic activities are having major impacts on the global ecosystem. "Ecological economics attempts to bring these two disciplines together so that environmental problems can be analyzed in a meaningful way."

Sustainability is one of the major themes of ecological economics, according to Bengston: "Traditional economic analysis focuses on the goals of efficiency and growth. Ecological economists maintain that preservation of the ecosystem is essential to future economic well-being." The goal of sustainability should be built into economic models and policies, he says.

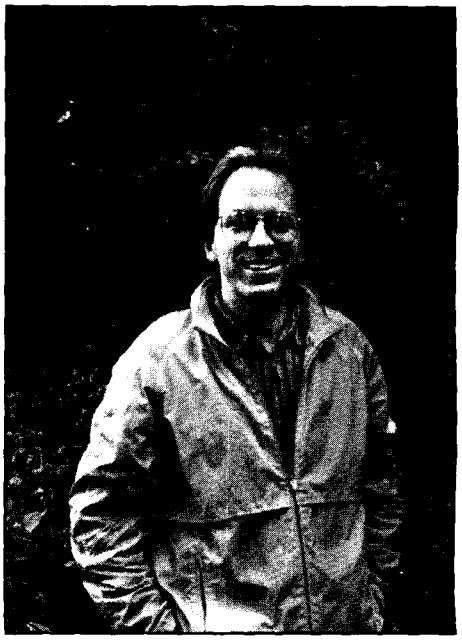
Another theme, related to sustainability, is intergenerational equity. In conventional economics, decisions about how to use resources over time are treated as investment questions, as if all resources belonged to the present generation. "Ecological economists believe that the future value of resources should not be so heavily discounted," Bengston says.

* * *

Topics covered in this noncredit class include economic incentives ("green taxes"), preservation of biological diversity, tradeable emissions permits, and environmentally conscious means of weighing economic performance.

Bengston is a principal research economist with the North Central Forest Experiment Station, U.S. Forest Service, and an adjunct professor in the Department of Forest Resources.

Call 624-8880 for registration materials for this course (CSch 0583).



Bengston

Registration notes

Spring quarter

You may register for spring quarter Extension classes starting February 1 by mail (moved up from Feb. 15). Registration periods were expanded to allow more time for processing registrations.

Spring quarter registration runs through March 17 without a late fee. As always, register as early as possible.

(Registrations through Extension for spring day school classes—those listed only in the day school class schedule—will be accepted starting Feb. 23.)

Spring semester

Registration is open now for spring semester courses and continues in person and by mail through Feb 3.

Although most Extension classes are offered on the 10-week quarter system, a few departments schedule some semester-length courses (15 weeks), including history, economics, Chinese, German, and physics. Spring semester classes meet Feb. 15 through June 12.

In-person registration is at 101 Wesbrook Hall on the Minneapolis campus. Office hours are reduced between quarters, but once winter quarter classes begin (Monday, Jan. 4), 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 3 is the last day to register without a late fee.

To request registration forms or an Extension Classes bulletin, call 624-2388, or stop by 101 Wesbrook Hall on the East Bank campus.

One-credit workshops offered on children's health issues

One-day workshops on child health and welfare issues continue this winter. For educators, health and helping professionals, parents, and others. Call 625-3322 for information. Graduate credit available.

Child Abuse and Neglect, PubH 5640. Taught by Robert ten Bensel, M.D. Meets Feb. 20.

Eating Disorders in Children and Adolescents: Medical and Psychological Perspectives, CAPy 5624. Clinical characteristics, etiological factors, treatment approaches of obesity, anorexia, bulimia nervosa in children and adolescents. Jan. 9

Cognitive-Behavioral Therapy for Children and Adolescents, CAPy 5635. Feb. 27.

Intervention/Prevention of Emotional-Behavioral Difficulties Within Schools: Family and School-Based Intervention Approaches, CAPy 5638. Mar. 27.

Art for baby boomer college students

Really, **Humor in a Jugular Vein: The Art, Artists, and Artifacts of *Mad* Magazine** is an art exhibit for all ages. But those of you near thirtysomething (either side), who grew up with Alfred E. Newman at the height of his popularity, are especially likely to enjoy the University Art Museum's intriguing display of more than 200 pieces of original *Mad* artwork and merchandising.

Satirical review is also the theme in **Soviet Humor: *Krokodil***, an exhibit from the pages of the most famous and irreverent Soviet magazine, also scheduled this winter at the museum.

These shows run January 14 to April 1 and are open to the public at no charge. The University Art Museum is on the third floor of Northrop Memorial Auditorium. Hours are 11 a.m. to 5 p.m. weekdays and 2 to 5 p.m. on Sundays (closed Saturdays and holidays).

* * *

In the museum's "Art Sandwiched In" noontime discussion series this winter, advanced graduate student Mark Reschke explores the world of comic book literature, chronicling the rise and fall of E.C. Comics and the place of *Mad* and adult comic books in American culture. Call 624-9876 for information. Meets Tuesdays, 12:10-12:30 p.m., Jan. 26 to Mar. 2.

Newman

(Used with permission of *Mad* magazine, © 1992 by E.C. Publications, Inc.)

from the student board . . .

Free self-defense workshop

On Saturday, January 16, the Extension Classes Student Board will sponsor a free self-defense workshop open to both men and women.

Once again, we will have Minneapolis police officer Duane Fredrickson teaching the class. It meets from 1 to 5 p.m. in the Mississippi Room at Coffman Union. Come a few minutes early for registration.

New issues that will be covered include auto and home theft and personal protection and the serial rapist threat. Wear comfortable clothing. Minimum age 16 (youngsters not admitted).

Parking is available in the East River Road Ramp (and other ramps off Washington Avenue) at minimal charge.

Come see the new films and learn new information about individual safety. Hope to see you there!

Anatomy of a building

Here's a course for all you fans of television's "This Old House" (or perhaps Tim Allen's "Home Improvement"), **How Buildings Work, CSch 0566.**

This noncredit course meets five times and examines how a building's design and systems reconcile our environment with our existence.

How do buildings "function"? What goes on between floors and walls? How do buildings stand up, breathe, keep us dry? How and when can a building be "sick"? What really makes a building energy-efficient? Learn how planning and design influence these concerns. Focus is on small and mid-size buildings such as dwellings, churches, and offices.

See the bulletin, page 586, or call 624-8880 for registration information.

Nursing added

Pharmacotherapeutics for the Elderly, Nursing 5609, has been added for winter quarter. This 2-credit course examines pharmacological actions of prescription and over-the-counter medications commonly used by aged persons. Focus on recognition of and interventions for adverse drug effects, side effects, drug incompatibilities and iatrogenics problems, and assessment of drug misuse. Therapeutic dosages for common health problems of the elderly will be examined. May be taken S/N. Prereq RN. Instructors are Sara DeHart and Patricia Camillo. Meets Wednesday afternoons; call 625-9001 for information.

Learn about the biology of AIDS

Over one million Americans may be infected with HIV, a virus that causes AIDS, a disease for which there is no cure. Learn about the related basic scientific and medical principles in **The Biology of AIDS**, a noncredit Compleat Scholar course scheduled this winter.

Topics include the history of the disease, basic immunology, origin of HIV, protein-related chemistry, how HIV disrupts the immune system, opportunistic diseases and treatments, and more. Intended for the general public.

Meets Feb. 3-24 (four meetings), Wednesdays, 6:30-8:30 p.m. Call 624-8880 for registration information.

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INFO
A Newsletter for Continuing Education and Extension Students
UNIVERSITY OF MINNESOTA

Second class postage paid, Minneapolis, Minnesota

MANAGEMENT ADVANCEMENT PROGRAM

MAP. . . directions for professional growth

"Management is the product, professionals are the customers." After its first term in operation, that's the bottom line for the new Management Advancement Program, according to program director Phil Lundblad.

"MAP seminars and classes provide high-quality, accessible professional development opportunities on topics that really matter in today's business environment," Lundblad says.

Each MAP seminar is designed to combine academic depth and background with real-world experience. Students learn from outstanding faculty selected both from the University and the professional community.

MAP staff are listening to their clients, too, says Lundblad. The curriculum and planning is shaped by a business advisory board that includes human resources professionals from NSP, Honeywell, and other major companies, as well as independent consultants who specialize in training and organizational effectiveness.

"We want MAP, first of all, to be responsive to needs identified by our customers," says Lundblad. "The goal is to provide contact with University faculty or other experts in areas important to them both professionally, in their organizations, and personally, in their careers."

Most classes meet for one or two days and are scheduled at the comfortable, easily accessible Earle Brown Continuing Education Center adjacent to the St. Paul campus.

Call 626-8713 for registration materials for winter term workshops.

MAP seminars for winter

- **Skillbuilding for Supervisors**
- **Speaking and Listening Skills**
- **Conflict Management**
- **Street-Smart Advertising**
- **Business Presentations**
- **Information Systems and Quality Management**
- **Industrial Marketing**
- **Leadership, Power, and Vision**
- **Controlling Production Costs**
- **Motivating Employees**
- **Customer-Centered Culture**
- **Fostering Creativity in Organizations**

Holiday

All classes are dismissed and offices closed on Monday, Jan. 18, Martin Luther King, Jr., Birthday observance.

Financial aid

The CEE Counseling Department offers a financial aid workshop each month. Topics covered in the workshop are loan, grant, and scholarship programs; eligibility requirements; and application procedures. The workshop is designed for students pursuing their first bachelor's degree. Although the workshop is free; space is limited. Call 625-2500 for date, time, place, directions, and to reserve your space.

Plan your career in 1993

Start the new year by exploring a new future. Some spaces remain in the career planning workshop offered winter quarter by the CEE Counseling Department.

The workshop provides an overview of the career planning process and assists you in clarifying your interests, values, and personal characteristics as they relate to careers. The workshop covers how to research occupational information, evaluate career alternatives, and develop an action plan.

The workshop meets Tuesdays, 6 to 8 p.m., Feb. 2 to Mar. 9 (six sessions). The fee for the workshop is $110. For registration information or questions, contact Barbara Krantz, workshop counselor, at 625-2500.

UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing Education and Extension Students

Volume 23 / Number 7 / February 1993 **Continuing Education and Extension**

Opportunities for teachers

Watch for frequent lane changing

A cooperative program of the College of Education and Continuing Education and Extension, "The Master Teacher," provides practicing teachers with master's degree options and related course work.

The Master of Education degree in Leadership currently is available with most of the required courses offered off campus at the Capitol View Learning Center in Roseville.

The classes also will be broadcast to interactive television classrooms in high schools in Stillwater and Spring Lake Park. The unique delivery system permits teachers to take classes at these remote sites. The technological support and Capitol View Center facilities are provided through Northeast Metropolitan Intermediate School District 916.

Program director Judi Linder says the Master Teacher reflects a renewed emphasis from the College of Education on serving working teachers. "This master's program reflects areas important in education today, such as site-based management and outcome-based education," Linder says.

Staff in CEE are committed to an emphasis on services that will facilitate students' participation in the program and help assure their success, Linder says. These include:

- Course scheduling that permits completion of the master's degree in three years.
- Convenient late afternoon and evening classes.
- The option of taking required courses at Capitol View or at the interactive remote sites.
- Easy mail registration and centralized support services through a separate CEE office designated for the Master Teacher program.

In addition to courses for this M.Ed. program, many education classes each term are scheduled later afternoons and evenings. Teachers seeking professional development can select from courses in a variety of areas including elementary, secondary, educational administration, educational psychology, child psychology, mathematics, music, physical education and kinesiology, vocational education, and others.

Call 626-7196 to find out more about information meetings scheduled this month, degree requirements, and the Master Teacher program brochure.

Learn more about the Master Teacher

Attend an information meeting and learn more about graduate degrees and courses for teachers through the Master Teacher Program.

Call 626-7196 to reserve your space on one of the dates listed below.

- **Tuesday, Feb. 23, 4:30-6:30 p.m.**
- **Saturday, Mar. 6, 10:30 a.m.-12:30 p.m.**

Meetings are held at the Capitol View Center, County Road B2 and Rice Street, Little Canada.

UNIVERSITY OF MINNESOTA

THE MASTER TEACHER

GRADUATE DEGREES AND COURSES

COLLEGE OF EDUCATION

CONTINUING EDUCATION AND EXTENSION

CareerQuest brings the U to you and your career plans in business

Join CEE advisers and University staff this month for the first "CareerQuest" information meeting which focuses on educational programs in business and management through Extension at the University of Minnesota.

CareerQuest is a free, two-hour, evening seminar designed for working adults who want to learn more about undergraduate educational opportunities and career planning for their current employment or new careers they're interested in exploring.

You'll hear from CEE Counseling advisers who specialize in helping adult and part-time students and from staff of University programs that can lead to careers in business, such as the Carlson School of Management and the College of Liberal Arts. You'll learn about how students have combined work and going to school to advance their careers.

Advisers will describe business degree programs and course offerings that you can register for now if you're ready to get underway. If you need time for planning or some soul searching, you'll find out about program advising and career counseling services that the CEE Counseling Office can provide for you.

The first CareerQuest session meets 5:30-7:30, Wednesday, Feb. 17, in Nolte Center. Space is limited and reservations are required. Free parking is provided. Call 624-1688.

Dance recital

The CEE dance class students will present an informal evening of dance on Mar. 10, starting at 6 p.m., in 153 Norris Hall. Demonstrations are offered by the modern, ballet, jazz, and tap classes. The public is invited and the event is free.

International education—family style

Work, class time, study, family. Extension students face plenty of demands on their time.

Eileen Parker found a unique way to insure she could accommodate academics and family life last year. She simply brought her children and husband with her as she continued her education during winter and spring quarters.

In Ecuador.

* * *

Parker, an adult student in the Inter-College Program in University College, says she knew a study abroad program to a developing country would complement her degree concentration on public health and women's issues. "I've always wanted to travel to South America," she says, "but I couldn't go without my family."

As a practicing traditional midwife, Parker knew she had something to offer others. She had spent several weeks (over the span of a few years) in Latin American countries on extended trips studying birthing and pre-natal practices. "In Mexico, when we traveled there, I sought out the midwife in every village," she says. "They know and understand the health of a community."

The opportunity that made the difference for Parker was Minnesota Studies in International Development (MSID), an intensive study abroad program that combines academic work with service-related internships in Ecuador, Jamaica, Kenya, India, and other countries. When she read about MSID in *Info* a couple of years ago, she was attracted to the idea but feared it was unworkable for a thirty-something mother of four. "I left that newsletter next to the phone subconsciously, I think, knowing that eventually I would pick up the receiver and call."

GLOBAL CAMPUS

For information about Global Campus study abroad programs, call 625-3379.

"MSID was a vehicle for me to study in South America and fulfill a dream," she says. She and her husband, George, had considered the Peace Corps but dependent children made them ineligible. "The staff at MSID recognized I wasn't just a student, I was a parent," she says. "They were very supportive and wanted to help break down the obstacles," she says. "I felt like they were cheering me on." Her situation would be precedent setting, they predicted, but with planning she could be successful.

* * *

The challenges were significant for the Parkers: travel and living arrangements for six were necessary; her husband would have to take a leave of absence from his job to help with child care; family finances would need to be carefully reviewed and reshuffled; and her children faced the uncertainty of leaving home and friends in Minneapolis to attend school in another country.

Living in Ecuador for four months, from January to May, was a big adjustment indeed. "We each had our personal crises, but fortunately not all at the same time," Parker says. A big challenge for everyone was the language. She had several quarters of Spanish but didn't consider herself fluent. "Ironically, our communication skills were getting pretty good just when it was time to come home," she says.

The time commitment was reasonable, but given the necessary planning and disruption to regular life, a longer stay actually may have been better, she says. The kids had some resistance at first, as you might expect from teenagers especially, but they went from surviving to thriving over the course of their stay. When the term was up, they were sad it was over, Parker says.

"I knew I wanted them with me, and I knew I wanted them to have a global experience," Parker says. "Before my eyes, I could see them grow—in every sense of the word. It was wonderful to be with them while they were becoming globally aware," she says. "It was really neat to see them facing these challenges, the same ones I was, and adjusting to a different culture and language."

Financial aid, important to many unmarried traditional-age college students who want to study internationally, was absolutely necessary for Parker to participate in MSID. She applied for and received three key scholarships: one from the Otto Bremer Foundation that students studying abroad often apply for (and many get); a Cargill Scholarship available to students enrolled in University College who want to study abroad; and an ISIC scholarship, a national scholarship that may be applied to travel expenses.

* * *

The Parkers stayed in Quito, living in an apartment above the home of an Ecuadorian family (with youngsters) who were supportive, helpful, and learning English. "Our kids and theirs practiced second language skills on each other," she says.

Parker was one of seven MSID students in Ecuador that term, and she was the oldest of the group by quite a few years. "I was worried that I wouldn't fit in, but that was not a problem. We all faced the common challenges of adapting to life in another country, working on our Spanish, and trying to become culturally sensitive," says Parker.

Eileen Parker united her education with a global experience that included the entire family (from left): husband George and children Jordan, Micah, Dillon, and Evan.

Continued page 3

MSID combines service with study abroad

Immersion in another culture is a principal component of any study abroad program. But for students in Minnesota Studies in International Development (MSID), assimilation goes beyond living with a host family or studying at a foreign university.

MSID participants work on internships, combining service with academic study in developing countries, with guidance from faculty mentors, after extensive pre-trip preparation , explains program director Gerald McIntosh. "MSID is one of the few programs that combine academic learning and experiential learning," he says.

Internship responsibilities vary but they always involve some sort of service coordinated through a sponsoring agency, McIntosh says.

MSID, like all CEE study abroad programs from the Global Campus, has close ties to the academic departments and the regular University faculty. "This is a program that is faculty driven. They are involved at all levels in planning, supervision, and evaluation," McIntosh says, including the pre-departure seminar courses, the in-country internship, and the student's return.

* * *

For information about Minnesota Studies in International Development internships, contact the Global Campus office, 106 Nicholson Hall, 626-2234.

Parker
from page 2

The others lived with Ecuadorian families but often visited the Parkers, and two students working in rural Ecuador stayed with them when they visited Quito.

The academic requirements during the internship included writing focus papers and reports on the organizations she worked with. Parker also kept a journal, with special attention to viewpoints related to development, and prepared a final summary. The fall quarter before she left, she took two International Relations courses that are required for MSID involvement. A faculty mentor—in this case, Chip Peterson, director of the Foreign Studies Program in the College of Liberal Arts—goes on site for winter quarter and leads orientation sessions, helps coordinate efforts with the sponsoring agencies, and visits students during their internships.

For the first half of her stay, Parker worked in neighborhood health clinics in Quito learning about the organization and the systems there. In Ecuador, most of the population still delivers at home, she says, for many reasons—cultural beliefs, limited access to health care, tradition. She met and interviewed several midwives and a native healer and eventually teamed up with one midwife that she worked and studied with during her stay. She delivered a baby and attended at several other births. In turn, she brought her perspectives on home birth to the Ecuadorians.

The latter part of her internship included meeting with health care workers and midwives and synthesizing the ideas and practices from their differing experiences and cultures. "I feel it was successful even though I hoped to accomplish much more. I really loved working with the midwife, with the pregnant women, with the people in the clinic."

* * *

Meanwhile, the Parker children (aged 16,14,11, and 5) were in Ecuadorian schools and working hard. "The transition wasn't easy. At first, they came home exhausted every night from all the study and concentration," she says. George Parker managed the household and tended the children, enabling Eileen to concentrate on her MSID participation, but found himself more isolated than the others from his new cultural surroundings and anxious to be involved. Neighborhood contacts, when they found out he was a refrigeration technician, soon had Parker at the polytechnic university helping to build a demonstration unit to be used for refrigeration instruction, which they later had him doing, as well. "It was very rewarding for him," Eileen Parker says, "to be able to apply his skills and then teach them to others."

Parker says she will continue with midwifery and with her education and academic goals that relate closely to her life and work. "My work has complemented my studies and my studies have complemented my work," she wrote in one of her application forms. "I want to work in developing and enhancing more respectful, comprehensive, and affordable health care for women."

Health care in the United States reflects the male bias of its planners and leaders, Parker says. "Women play a huge part in the delivery of health care services in the United States, but the system really was designed by and is run by men, " she says. In addition to their principal role in providing health care, women are its biggest consumers—they receive the majority of medical procedures and health care services.

She says she was disappointed to see some of the same attitudes about women and health care in Ecuador. "In midwifery, there is a sense of loving and mutual respect, of cooperation and nurturing, and I thought they might demonstrate more of that in their national health system than we see in ours," Parker says. In Ecuador, services are federally organized and the infrastructure is developing, but it's not as sophisticated as other countries because of inadequate funding. "Still, the U.S. could learn from it," she says.

Parker is enrolled full time now, mixing day classes with evening classes, and plans to graduate in June. She says that MSID allowed her maturity and life experiences to pay off for her in academic experience. "These were interests I would have applied in some way. This program lets me earn credit for it and include those activities as part of my degree program," she says.

Join the board

The Extension Classes Student Board works on issues important to adult and part-time students at the University—course availability, student services, campus security, parking, program opportunities, Extension's role within the University. If you're interested in being a part of this important effort, consider running for the University Senate and joining the board.

You serve on the student board with other appointed board members and Extension staff. The board usually meets once a month (on a Friday evening); senate meetings are once a quarter.

Candidates must file for election during winter quarter. **The deadline is Feb. 15.**

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 (spring quarter).

2. You must have earned a minimum of 12 credits (evening or day) within the last five years.

Filing forms, election information, and details on the student board may be obtained at 200 Wesbrook Hall on the Minneapolis campus, 8 a.m. to 4:30 p.m.; telephone 626-8501.

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

UNIVERSITY OF MINNESOTA
INFO
A Newsletter for Continuing Education and Extension Students

Second class postage paid, Minneapolis, Minnesota

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 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455. (Please allow two months for records to be corrected.)

Spring quarter registration

Registration for spring quarter classes is open now. 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.

MAIL REGISTRATION

February 1 to March 17: Registration forms with tuition checks accepted by mail for all spring classes. Include a separate check for each limited class; nonlimited classes may be paid for with one check.

Fill out the form completely. Social Security numbers and birth dates are requested for coding purposes. Include your University I.D. number if you have one. The form may be photocopied if you need additional forms.

IN-PERSON REGISTRATION

March 10 to March 18: In-person registration at 101 Wesbrook Hall, Minneapolis 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 except for the Wesbrook Hall office, which will be open 9 a.m. to 1 p.m., Saturday, March 13. See the bulletin, page 19, for complete details and hours.

The full amount of tuition and fees is due when you register. You may charge tuition and fees on VISA or MasterCard. (Delayed payment is permitted only for students receiving aid through the Office of Student Financial Aid and for third-party billings if arranged for and authorized ahead of time.)

March 17 is the last day to register without a late fee for most spring quarter classes.

To request the Extension Classes bulletin and registration forms, call 624-2388.

Spring quarter classes begin the week of March 29 and run through June 12.

JOINT DAY/EXTENSION REGISTRATION

Registrations through Extension for spring day school classes—those listed only in the day school class schedule and **not** in the Extension Classes bulletin—will be accepted starting Feb. 23.

Come to the career fair

Meet with employers, learn about career fields, and exchange ideas at the Career Fair '93 sponsored by the College of Liberal Arts Career Development Office and the Student Intermediary Board.

The career fair is set for Wednesday, Feb. 24, 10 a.m. to 2 p.m., at the Great Hall in Coffman Union. This event is free and open to all students.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES
INFO (USPS 711-240)

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

Charles R. Cheesebrough
Editor

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UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing Education and Extension Students

Volume 23 / Number 8 / March 1993 **Continuing Education and Extension**

Financial aid process starts now

Financial aid programs have undergone major changes for the 1993-94 academic year.

If you need assistance with educational expenses and have never applied for aid, apply now! If you had difficulty qualifying for financial aid in the past, try it again!

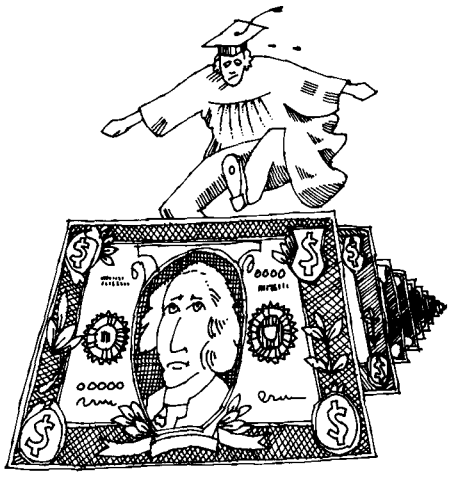
Although there are numerous requirements for financial aid, there are many exceptions. Each program has its own criteria, and the process of exploring financial aid options involves matching your situation with individual program requirements.

Formulas for assessing financial need for federal and state programs have changed substantially, as have program requirements. There are numerous financial aid options for part-time and full-time study.

When you complete the Free Application for Federal Student Aid (FAFSA), you will be considered for many of the major financial aid programs for which you meet the criteria—Federal Pell Grant, Minnesota State Grant, Federal Stafford Loan and campus-based aid (Federal Supplemental Opportunity Grant, Federal Perkins Loan, College Work-Study, Office of Minority and Special Student Affairs funding, and other grants, loans, and scholarships administered by the Office of Student Financial Aid.) Other aid programs, use separate applications.

Since processing time and application deadlines vary, now is the best time to explore your options. Because many financial aid programs require admission to a degree or certificate-granting program, it is advisable to apply for admission and financial aid at the same time.

There are four major sources of undergraduate financial aid—grants, scholarships, loans, and College Work-Study. Grants and scholarships are the most desirable kinds of aid because they do not have to be repaid. All grants require financial need. Scholarships may be need-based or merit only (no need requirement).



Loans may be need-based or no-need. All loans must be repaid, but interest rates and terms vary among the various loan programs.

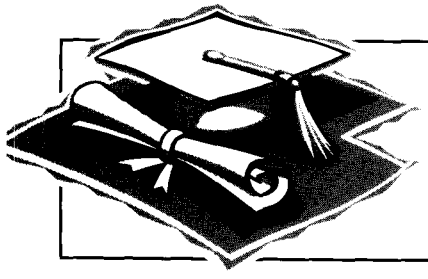
College Work-Study is need-based and is a form of student employment. It is awarded as part of the financial aid package.

Most students find it necessary to work part-time or full-time in order to pay a portion of their educational expenses, and their employers may provide an additional source of assistance. Many companies assist full-time employees with tuition, either by paying all or a portion of the tuition at the time of registration or by reimbursing employees after satisfactory completion of the course work.

For more information about financial aid options, contact CEE Counseling at 625-2500.

Don't stop thinking about tomorrow, plan your career

Need help planning your career? The CEE Counseling Office will offer its popular career planning workshop in spring quarter to get you started on the right track. The workshop provides an overview of the career planning process and assists you with clarifying your interests, values, and personal qualities for decision making. Topics cover how to gather occupational information, evaluate career alternatives, and develop an action plan. Meets Wednesdays, 6-8 p.m., Apr. 28-June 2 (six sessions). Fee for the workshop is $110. For registration information or questions, contact Janet Pelto, workshop counselor, at 625-2500.



On the inside . . .

The Academic Connection

Premium learning for adult, part-time students

Through several unique and innovative evening courses, a collection we call the Academic Connection, you can have the specialized, in-depth opportunities that make a college education something more than just taking classes.

A few spring courses are highlighted here (see the bulletin page listed for the complete description). Register as soon as possible in 101 Wesbrook Hall or call 625-3898 with questions about specific courses.

ID 3334 Goethe and Newton: A Study in Science and Belief. An examination of the opposing way these two thinkers reconciled science and spirituality. Science, creativity, and the role of spirituality in the life of the mind. Taught by Roger Jones, physics, and William Mishler, Scandinavian studies. (347).

ID 5526 Garbage, Government, and the Globe. Team taught by faculty from several disciplines. Solid waste, toxic materials, pollutants; energy use; resource use and exploitation; conservation of soil and water; economic impacts of the environmental decisions we make. (348)

AmIn 3121 History of American Indian Education. Added class. Role of local government in education; current research on learning modalities; interaction between Indian groups and others in society; how a community creates a "successful student."

ArtH 3940 Independent Filmmaking in America. Emergence of this film movement in the 1950s and 1960s and its impact. Artists such as Shirley Clarke, the Medases, the Kuchars, and Bruce Conner. (106)

EPsy 5112 Knowing, Learning, Thinking. Principles of human information processing; memory and thought; comprehension and understanding; analysis of

intellectual processes, problem solving. (212)

IR 5000 (sec 3) Managing Diversity. Diversity in the workplace; women and minorities in the work force; application of leadership theories; discriminatory practices and the law; analysis of personal values and bias, modifying your beliefs; managing and utilizing diversity positively. (330)

Phil 3305 Medical Ethics. Moral problems confronting physicians, patients, and others concerned with medical treatment, research, and public health policy. Death, genetic engineering, confinement and mental illness, abortion, informed consent and truth-telling in physician-patient relationships, availability of medical resources, individual versus institutional decision making. (414).

Phcg 1800 Nature's Remedies. Medicinal applications and drugs from nature. (411)

Spch 5404 Language, Culture, and Education. Psychological and social-psychological perspectives; language variation (dialects, codes, register); implications for program development, educational practices. (493)

ArtS 3306 Performance Art. Development of individual performance artworks and research pioneers of this art form. (115)

Science teachers: bring nature into the classroom

Ent 5920 Special Lectures: Using Insects in the Classroom is an added spring class. Practice and design activities for utilizing live insects in an elementary classroom setting. Explore the ecology, classification, and structure of insects. Learn how to observe and maintain insects in school. Examine how to integrate insect-related activities with other subjects taught in schools. Spring quarter, sec 1, 2 credits, $161 (graduate credit, $188). Meets Tuesdays, 4:30-6:30 p.m., 480 Hodson Hall, StP Campus. Register through 101 Wesbrook Hall. Call Catherine Reed or Theresa Leahy at 624-3423 or 624-3636 for information.

Artificial intelligence, robotics, interactive systems—where and how will they replace the human touch? Computer science professor Maria Gini explores the ideas and the mechanics in her noncredit Compleat Scholar class, *Making Intelligent Machines* (CSch 0563). Includes sessions in the robotics laboratory. Meets three times (Apr. 13-27); call 624-8880 for information.

UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO (USPS 711-240)

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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.

Study Abroad

Adventurous, academic, affordable

Study abroad clearly has the appeal of adventure and it certainly can be an important academic experience; it also can be surprisingly affordable.

- For about the same cost as tuition, room, and board attending the University full time here at home, you can spend a quarter studying abroad. Most quarter-length programs from the Global Campus are between $2,000 and $3,000, not including travel costs (personal expenses are extra).
- Most programs include group activities, day excursions, and field trips, and you can easily explore or arrange for more travel on your own (at discounted student rates).
- In most cases, financial aid applies to Global Campus study abroad opportunities, also. Check with the Global Campus office for details.
- Close ties are maintained with the academic departments, which are co-sponsors of the programs. Courses usually are regular departmental offerings or topics courses designed to take advantage of the host country setting and resources.
- Several University faculty participate in the programs. Many spend the term on site with the students. Instructors from overseas universities also may teach classes; they are certified through the academic department. Participants generally enjoy the intercultural classroom relationship learning from native instructors.
- In most cases, credits can be applied to distribution credits, second-language requirements, or major requirements for University degree programs. However, you do not have to be in a degree program or be a regular University student to enroll (subject to meeting course and program prerequisites).
- Once you apply and are accepted, orientation materials and meetings with instructors and staff help you prepare to live and to study in your host country.
- Many programs include home stays with native families. Students always cite this experience as a convenient, exciting way to become immersed in the culture and life of another country.
- Becoming part of another culture presents you with an educational opportunity that goes beyond books and lectures. You get a different outlook on—and application for—what you learn in class, whether it's using a foreign language in everyday living, seeing your world from the perspective of another culture, or being exposed firsthand to the places and things you study.

For more information about Global Campus study abroad programs, call 625-3379.

Global Campus Study Abroad Programs

Quarter-long programs are approximately 10 weeks; summer programs are about 5 weeks. The Toledo and Integrated Semester in France programs follow a semester schedule (14 weeks). Toledo also has summer terms. Students generally may stay for consecutive quarters in programs offered multiple terms. Call 625-3379 for more information about programs listed below.

German and Austrian Studies in Graz: Intensive German language instruction, Austrian studies, culture courses, home stays (12-14 credits). Winter, spring.

French in Montpellier: Intensive French language instruction, culture courses, home stays with host families, field trips (12-14 credits). Moderate climate in the South of France. Fall, winter, spring. Also available: Integrated Semester in France, Academic Year in France.

Chinese in Tianjin: Summer program for second-year, third-year, or advanced students; language and culture. Nankai University (15 credits).

Polish in Lublin: Summer program provides instruction at the beginning level; no previous language requirement. Excursions to important historical sites. Lublin is on Poland's largest river, the Wisla (15 credits).

Russian in St. Petersburg: Intermediate and third-year language instruction. Includes homestays, four-day Moscow visit, additional field trips (15 credits). Spring.

Minnesota Studies in International Development: Internship programs in developing countries. Includes predeparture course work in the fall, winter and spring in country, and group and individual sessions upon return (24-37 credits). Ecuador, India, Jamaica, Kenya, Morocco, Senegal.

Spanish in Cuernavaca, Mexico: Intensive beginning and intermediate language instruction in small classes, culture courses, field trips, home stays (12-15 credits). Fall, winter, spring.

Spanish in Venezuela: Intermediate and advanced language and culture courses; set in Mérida in the Andes (12-15 credits). Winter

International Program in Toledo, Spain: Spanish language and extensive liberal arts and humanities curriculum (9-27 credits per term). Cosponsored by the College of Liberal Arts and Spain's Ortega y Gasset Foundation. Field trips. Fall, spring semesters; full year; summer terms.

Summer Program for Teachers of Spanish: Madrid-based summer program (approximately five weeks); contemporary Spanish society and culture, language study, culture courses for professional development of Spanish teachers; field trips (6-9 semester credits). Request graduate credit information. Partial fellowship grants available.

Literature and Theatre in London: Literary history, geographical and cultural perspectives in the study of literature and drama. Theatre internships available; field trips (12-14 credits). Spring.

Custom Programs: These theme or field study programs are designed for students with a career interest in a particular area and are offered either in the spring or summer. Call 625-3379 for information about Interior Design in Europe, Architecture in Europe or China/Japan, Archaeological Fieldwork in Greece, Studio Art in Greece.

Hang tags save money on event nights

Remember to pick up a hang tag if you will be driving to campus and parking in University east bank lots on class nights when special events are scheduled at Williams Arena or Northrop Auditorium.

Extension students may park in Lot C51/33 on the East Bank after 4:30 p.m. at the regular daily rate (rather than the higher event rate) if they have the special-event hang tag.

Hang tags are given out in person only in 101 Wesbrook Hall. Proof of current registration is required. Hang tags are given only to students whose classes meet on the east bank of the Minneapolis campus and are valid only for the weeknight(s) that the student's class actually meets.

Relatively few special events conflict with standard Monday-Thursday night class meetings. For spring quarter, the only apparent busy nights are April 13 and 14 (T,W) and May 12 (W), when events are scheduled at Northrop. Other event dates could be added, however. At this point, students whose classes meet on Mondays or Thursdays have no conflicts.

A parking space is neither reserved nor guaranteed in this lot. Space is limited; lots may fill at any time. Please allow extra time to get to campus and park on event nights.

in short . . .

Financial aid meetings

The CEE Counseling Office conducts a financial aid workshop each month. Topics covered include loan, grant, and scholarship programs; eligibility requirements; and application procedures. The workshop is designed for students who have not yet completed a bachelor's degree. The workshop is free, but space is limited and advance registration is required. Call 625-2500 for dates, times, location, and directions.

★ ★ ★

Polish added

Visiting Professor Barbara Kowalik from the Marie-Curie Sklodowska University in Lublin, Poland, will teach **Polish Literature of the 19th and 20th Centuries**, an added course, this spring. Reading and discussion of selected works in poetry, fiction, drama, and short story (in translation). Literature of Polish Romanticism and Positivism, the neo-Romanticism of Young Poland, the Holocaust, and contemporary Polish drama. No prereq. Grad credit available. Plsh 5900, spring quarter, sec 1. Meets Th, 4:30-6:30, FolH 134. Register in 101 Wesbrook Hall.

★ ★ ★

Nursing perspectives

Nurs 5711 Spiritually and Nursing Practice is now offered for either undergraduate or graduate credit; focus has been changed. An exploration of the concept of spirituality as integral to the whole person. Discussion of spiritual nursing care interventions. Undergrad prereq, senior in nursing or RN; for graduate credit, baccalaureate RN. See the bulletin, page 405.

MAP offers directions for professional growth

Seminars from the new Management Advancement Program (MAP) offer new approaches for the professional seeking solutions to issues in the workplace.

Management education is at the heart of any professional's efforts and abilities to stay ahead of new and changing challenges. If you're a decision maker in your organization, the Management Advancement Program offers cutting-edge thought and top-notch leadership on the following issues this spring.

- **Thriving on Change** (Mar. 31)
- **Coaching, Empowerment, and Delegation** (Apr. 1)
- **Compressing Time to Develop New Products** (Apr. 6,7)
- **Leading Edge of Leadership** (Apr. 8)
- **Leadership and Persuasive Writing** (Apr. 14)
- **The Ethical Manager** (Apr. 17)
- **Quality Customer Service** (Apr. 21)
- **Activity-Based Management** (Apr. 21,22)
- **Business Finance for Planners, Decision Makers** (Apr. 27,28)
- **Intercultural Communication in the Workplace** (Apr. 28)
- **Designing Questionnaires and Surveys** (May 4)
- **The Baldrige Award and Excellence in Manufacturing** (May 5,6)
- **Conducting Effective Business Meetings** (May 6)
- **The Conflict-Positive Organization** (May 12)
- **Increasing Manufacturing Capabilities** (May 13)

Call 626-8713 for registration information about MAP seminars and classes.

MANAGEMENT ADVANCEMENT PROGRAM

Two-for-one sale: T-shirts, tote bags

T-shirts and tote bags, available with the distinctive Extension Classes bulletin cover art in full color, are now on sale at two for $10 (discounted 50 percent from the original price). T-shirts are made of a 100-percent cotton, high-quality preshrunk fabric; choose either large or extra-large. The tote bags are approximately 15 X 17 inches (flat dimensions) and made of a heavy, natural finish, burlap-like material.

Show your colors and pick up one of each (or two of either item) at the registration office in Wesbrook Hall. All net proceeds go the Nolte Scholarship Fund. The office is open until 8 p.m., Monday through Thursdays, when classes are in session.

Exploring research with REX

RESEARCH EXPLORATIONS

Discover a new type of educational experience this year—one that merges a little work, possibly a little travel, and a lot of learning.

That's what you get with Research Explorations (REX), the University of Minnesota program from CEE that matches volunteers with faculty working on important research projects—in the laboratory, in the field, and in the community.

All REX projects, whether in the field or in the laboratory, are a way to learn what's going on in University research—and a way to help it along, says Susan Henderson, the REX program director. "REX can be thought of as an exchange of information; volunteers learn something from their participation and the project is advanced by their contribution," Henderson says.

REX participants must apply and be accepted into the projects. The principal qualifications are curiosity, adaptability, and an ambition to learn about—and support—important research, says Henderson. "You don't always need special training, but you do need a desire to help and a desire to learn."

In many cases, Henderson points out, REX participants do not need a strong vocational interest in the research topic. "Some people register for just the opposite reason—they want the challenge of something new, something different."

For Chris Betat, REX participation was a departure from her usual routine of evening credit classes, working toward a degree in psychology, and her job as a legal secretary. She was a volunteer a few years ago in *Quantitative Genetics of the Fruit Fly*, a review of large-scale evolutionary changes that can occur through generations of organisms. The REX fruit fly study intrigued her because, she says, "I was interested in genetics and the processes involved in evolution."

The study included observation and measurement exercises checking the structure of fruit fly wings, looking for evidence of physical adaption and mutation between generations as the flies were subjected to changes in their environment that demanded they become stronger fliers.

Her participation also gave her an introduction to the methods of scientific investigation without the requirements of earning credit. "I wanted the opportunity for laboratory experience, to learn to follow a set of specific rules and procedures and record outcomes."

Although REX itself is a noncredit program, many students are including credit learning options as part of their participation, Henderson says. Through directed-study registration, REX volunteers have earned credit in various social science and science areas, and teachers in particular have taken advantage of credit-earning possibilities. REX staff can help in identifying options and refer interested students to advisers and faculty to arrange for credit registration.

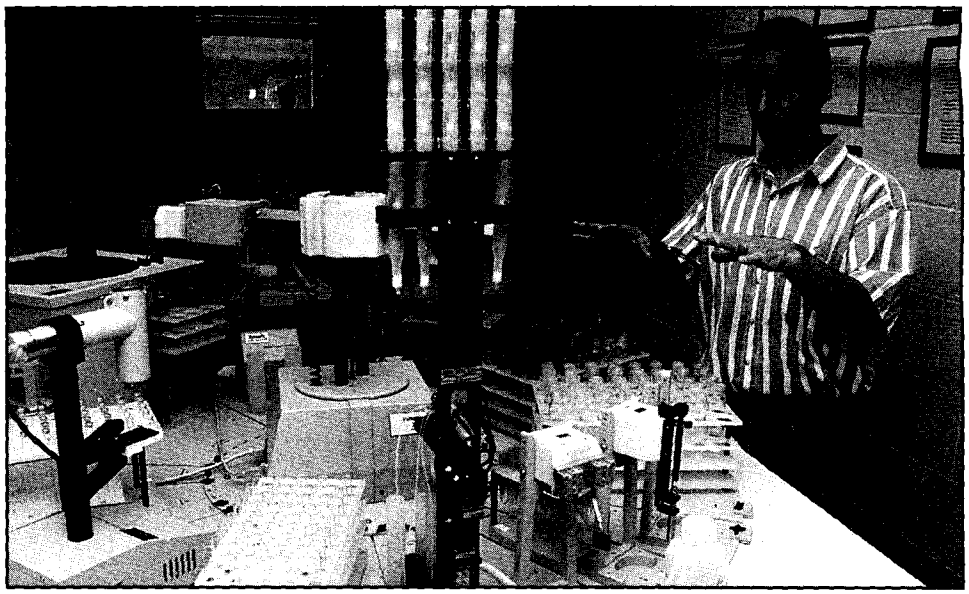
REX for Teachers

Elementary and secondary school teachers can join designated REX projects that include opportunities to develop curriculum materials and earn graduate credit (optional).

REX for Teachers has a limited number of spaces and stipends available for certain projects. Applications are closed for this summer, but contact the Research Explorations office about participation in other programs and research projects available in 1993-94.

* * *

For more information and detailed project descriptions, contact Research Explorations, University of Minnesota, 202 Wesbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455. Telephone (612) 624-5092.



Phil Carollo, a teacher in St. Louis Park, worked with soil scientist Jim Anderson studying the movement of herbicides through groundwater. He'll take his research experience back to the classroom and relate learning science to solving problems.

What can you do through Research Explorations?

- Try big-time gardening. Dig up vegetables and compare growth differences based on soil fertility (REX 0105).
- Track the movement of herbicides through soil to our groundwater (REX 0121).
- Subject seedlings to water and salt stresses to determine the effects such conditions can have on plant cells (REX 0130).
- Identify and classify relics of the Iron Age collected from a buried city on a Bavarian hillside (REX 0209).
- Study relationships in adoptive families and examine consequences of birth parent contact (REX 0261).
- Translate and transcribe Spanish documents from 16th- and 17th-century Central America to learn about colonial life and the impact of religious missions on the Honduran Indians (REX 0234).
- Review criteria and events surrounding the decision to declare someone mentally incompetent (REX 0337).
- Measure the effects of aluminum toxicity in bone development and bone disease (REX 0334).
- Compare insect populations and pollination levels in restored prairies versus virgin prairies (REX 0150).
- Contact and interview families with diabetic and prediabetic children in an effort to collect data that will help in predicting diabetes and identifying possibilities for early treatment (REX 0323).

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

Second class postage paid, Minneapolis, Minnesota

Registration for spring quarter

Registration for most spring quarter Extension classes is open through Mar. 17 without a late fee.

You may register by mail through that date, or stop by and register in person from Mar. 9 to Mar. 17 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, may already have filled.

When you reserve classes in person you must pay tuition immediately to complete registration. You are not registered until tuition and fees are paid.

The last day to register without a late fee is Mar. 17 for most spring quarter classes.

If you miss the Mar. 17 deadline, you can register with a $5 late fee starting Mar. 18. Late registration continues through the first week of classes with the $5 late fee. See page 19 in the bulletin for office hours during late registration.

IN-PERSON REGISTRATION LOCATIONS–MARCH 9-17

- **101 Wesbrook 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; 9 a.m. to 1 p.m. on Saturday.
- **MacPhail Center, 1128 LaSalle Ave., downtown Minneapolis.** Hours are 9 a.m. to 6 p.m., Monday through Thursday; 9 a.m. to 4:30 p.m. on Friday. Closed weekends.
- **Skyway Registration Booth, Norwest Center, downtown St. Paul.** Hours are 9 a.m. to 5 p.m., Monday through Friday. Closed weekends.

Call 624-2388 to request registration forms or the Extension Classes Bulletin.

Spring quarter classes begin the week of Mar. 29.

March hours

Mar. 18-19: Late registrations accepted by mail or in person (101 Wesbrook only) with a $5 late fee.

Mar. 22-26: Late registration period continues for spring quarter. Registration office open 8 a.m. to 4:30 p.m. (Monday through Friday).

Mar. 22-28: Spring semester classes (15-week term classes that began Feb. 15) are dismissed for spring semester recess.

Mar. 29: Spring quarter classes begin; spring semester classes resume. Registration office in 101 Wesbrook Hall resumes evening hours, Monday through Thursday.

Saturday at Wesbrook Hall

The registration office in 101 Wesbrook Hall is open Saturday morning, Mar. 13, 9 a.m. to 1 p.m., for in-person registration. Advisers are available to help in registration or to answer questions.

Free parking is provided in the Church Street Garage for people who want to take advantage of Saturday registration hours. The entrance to the garage is across from the architecture building on Church Street (same as 17th Ave. S.E. off campus). Wesbrook Hall is on the opposite (west) side of Northrop Auditorium from the garage. Pick up a parking voucher at the information desk in 101 Wesbrook; turn this in to the attendant with your ramp ticket when leaving.

The Minnesota Book Center also is open on this Saturday, 10 a.m. to 2 p.m.

Honor thy Extension teacher

The CEE Distinguished Teaching Awards are given annually to teachers providing credit or noncredit instruction offered or co-sponsored by Continuing Education and Extension.

Students and staff are invited to make nominations for the awards, which includes a plaque, a $1,000 award, and recognition at the annual reception in the fall.

Nominations are due to the selection committee by March 31, 1993. Nomination forms and guidelines may be picked up in the CEE Dean's Office, 150 Wesbrook Hall; call 624-9329.

UNIVERSITY OF MINNESOTA

INFO

A Newsletter for Continuing Education and Extension Students

Volume 23 / Number 9 / April-May 1993 Continuing Education and Extension

Fall information meetings help you get started

Returning to school? Need to know what to take or what options exist? The CEE Counseling Department will offer two kinds of group information sessions designed for students new to the University. The sessions, held during August and September, will provide information on the different CEE registration options.

Evening, correspondence, and media-assisted courses

Registration information sessions are for individuals who want to find out more about CEE and are considering evening Extension classes or Independent Study correspondence courses. These sessions will provide information on returning to school, the University and how it is organized, registration procedures, degree program admission and major requirements, and selecting courses. Financial aid information and referral for assessment of financial aid eligibility will be included.

After receiving general information, students will be able to meet in small groups according to their academic interests. In these groups, they will learn information specific to their intended area of study. There will be an opportunity to ask questions, and if students bring a transcript, they will be able to discuss their transfer of credits.

Day courses

Joint day/Extension registration information sessions describe how CEE students can take classes during the day. Occasionally CEE students cannot take classes at night or their schedules allow them to take courses during the day. Many day courses are available to Extension students through the joint day/Extension registration procedures, including some that are not (or rarely) offered in the evening. Joint day/Extension registration may not be for everyone, so call to discuss your plans with an adviser before attending an information meeting.

Please call CEE Counseling at 625-2500 if you have questions or wish to sign up for one of these information sessions.

Advising office closed May 11-13

The advisers and counselors at the CEE Counseling Office in 314 Nolte Center are continuing their educations, too.

The counseling office will be closed May 11-13 (T-W-Th) for annual in-service training; advising staff will not be available.

If you need advising assistance, please call 625-2500 before or after these dates.

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 means that many quarter-length classes can be offered over 5-week terms. 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 noncredit 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 624-2388 to request one.

Summer music conference features Philip Brunelle

Philip Brunelle, nationally known conductor, leads a summer seminar offered by the Department of Professional Development and Conference Services and the School of Music, Aug. 9-14.

Sacred Choral Music Summer Workshop includes exploration of music for chorus and solo voice. Graduate credit also is available.

Call 625-6616 for information.

Holidays

Offices will be closed and no classes will meet on the following University holidays: Memorial Day (Monday, May 31) and Independence Day (observed Monday, July 5).

A few good men and women may not be enough

Extension classes with low enrollment are subject to cancellation. Although the programming staff would prefer not to have to cancel classes, sometimes there is no choice, especially when the cost of instruction and/or materials far exceeds the tuition generated.

Decisions on classes to be canceled are made after registration closes but before classes begin. While late registrations might bring enrollment up to the point where the class could be offered, delaying the decision until the first week of the term rarely is permitted because it complicates transfers to other classes and limits choices for students.

Special effort is given to maintain advanced courses and courses seldom offered which may be important to students completing degrees.

The department reserves the right to cancel, postpone, limit enrollment, split, or combine classes and to change instructors and locations. Students registered in a class that is canceled may transfer to another class without a late fee during the first week of classes; otherwise, they will be given a full refund.

Spring election concludes

The 1993 election of representatives to the Extension Classes Student Board is underway now. You should have received campaign and ballot materials in the mail. You are eligible to vote if you are registered for credit through Extension in spring quarter 1993.

You may mail in your completed ballot or drop it off at CEE Counseling, 314 Nolte Center, or the Extension Classes Registration Office, 101 Wesbrook Hall. Both offices are open evenings until 8 p.m. on Monday through Thursday.

Voting concludes May 13. Ballots received after that date will not be counted.

If you did not receive election materials, you may pick them up in 200 Wesbrook Hall during regular business hours (8 a.m. to 4:30 p.m.). Proof of registration is required.

Elderhostel serves lifelong learners

Elderhostel, a living-and-learning experience just for seniors, has an early season offering this year, **Deep in the Virgin Forest: Spring in the Mississippi Headwaters Country,** at Itasca State Park, May 23-29.

Participants will explore the natural environment, identifying birds, wildlife, and plants and learning about forest and lake environments as well as park management and preservation of natural resources.

Accommodations are at the historic and carefully preserved Douglas Lodge.

Elderhostel is for persons 60 and older and includes noncredit study and other activities in a week-long residential program; costs vary by program, but are about $320. For information, call Elderhostel, 624-7004.

Planting seeds of truth

Green learning is in order this growing season. Several noncredit Practical Scholar courses this summer focus on plants and gardening. Call 624-8880 for information.

PSch 0962 Weeds: Evolution and Control. Where weeds come from; examples and life cycles; environmental concerns in weed control; practical control methods in gardens. Meets three Wednesday evenings, St. Paul campus.

PSch 0959 The Exotic World of the Japanese Garden. The influence of history and philosophy in the traditional Japanese garden. Natural and man-made materials. Slide show and visits. Taught by Shirley Mah Kooyman, director of volunteers at the Minnesota Landscape Arboretum. Meets at the Arboretum (two Thursday mornings).

PSch 0963 Herbaceous Perennial Plants: Identification and Use in the Garden. Identification, culture, landscape use of hardy summer-blooming perennials. Visits to gardens and nurseries is spread throughout the summer to view the largest possible selection of plants.

PSch 0966 Prairie Grasses and Wildflowers: Propagation and Landscape Use. Grow some natural heritage in your garden. How to obtain native plant materials; techniques and supplies needed. Visit to a constructed demonstration prairie.

THE PRACTICAL SCHOLAR

Mary Howell, a kinesiology teacher and former member of the U.S. National Racewalking Team, teaches a short-term noncredit class, *Racewalking: An Introduction to Wellness*, this summer (PSch 0935). Call the Compleat and Practical Scholar office at 624-8880 for registration information.

Split Rock

A palette of artists and opportunities

If love sees no color, to quote a popular sentiment, then art sees all colors.

Perhaps more than any other form of human expression or interaction, the arts serve to combine and celebrate the contributions of people of all cultural backgrounds. That variety is strongly evident in the collection of week-long arts workshops offered through the Split Rock Arts Program this summer.

"Our instructors come from varied cultural backgrounds and each brings a unique personal approach to his or her art and teaching," says Andy Gilats, Split Rock program director. "But they all have one thing in common—they're at Split Rock because they want to pass on a gift."

Split Rock is an intensive residential program that combines the time, space, and structure for participants to work with nationally known artists in an informal and supportive atmosphere. "Everyone is considered an artist as well as a learner, so participants learn from one another," Gilats says.

Workshop topics vary widely, from the very traditional to the very new or unique, in the visual arts, creative writing, fine crafts, and creativity development. Participant experience ranges from novice to professional, but most consider themselves serious hobbyists or advanced amateurs.

Home for Split Rock is the University's Duluth campus, set in the hills overlooking the city and Lake Superior. Of course, Gilats says, many participants choose to incorporate the nearby forest and shoreline settings into their art or writing.

A sampling of the workshops and instructor/artists of color is given below. Call Split Rock at 624-6800 for information. Over 50 workshops are scheduled between July 11 and August 21. Tuition ranges from $310 to $350 plus course fees for materials; classes carry two credits but no-credit registration is possible. Most can be taken for graduate credit. Campus housing options include on-campus apartments and residence hall rooms. Costs start at $150 for a shared room; singles are available at higher rates.

* * *

Multi-Media Mixture: Monoprints, Collage, and Stitchery (Aug. 8-14). Maria-Theresa Fernandes. Exploring paper, fabric, printmaking, collage, and stitchery as complementary tools for artistic expression. Combines the techniques and materials used by painters and printmakers with those used by fiber and fabric artists. Emphasis on process, so people can feel open to both mistakes and happy accidents. Fernandes's work has been featured in exhibits all over the world. A Baltimore resident, she was born in Nairobi, Kenya, and studied art in England.

SPLIT ROCK arts program

Duluth, Minnesota

Watercolor (Aug. 1-7). Cheng-Khee Chee. For those with watercolor experience who want to explore a variety of traditional, contemporary, Western, and Oriental concepts and techniques. The instructor, a UMD faculty member and award-winning watercolorist, says "My ultimate goal in painting is to achieve Tao, the state of effortless creation, which is beyond craftsmanship and artistry."

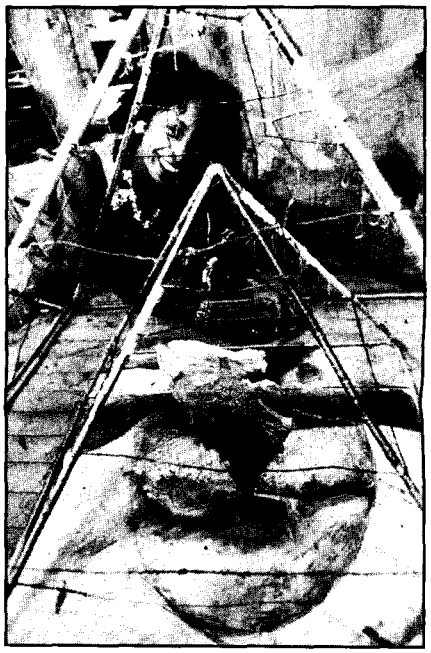
Writing Something Good, Becoming Someone Better: Revision as a Creative Process (July 11-17). David Bradley. The instructor emphasizes that creating something good and improving it is an important part of discovering what you want to say in writing: "I like to think I'm getting better one piece of writing at a time." Bradley is an active novelist and essayist and a professor of English at Temple University.

Entering the Heart of Creativity (July 11-17). Mayumi Oda. Explore the connection between spiritual practice and artmaking in developing your creative powers. Oda is a painter and printmaker who was raised in a Buddhist family in Japan and continues to practices Zen meditation. "I have always wanted my art to be a celebration of the spirit. If you feel the real joy and the real spirit within you, they come out naturally," she says.

Empathetic Imagination: Exploring Race and Culture in Writing (July 25-31). Alexs Pate. For writers who want to explore how issues of race and culture present themselves in their writing. Designed to offer an environment where participants of any race or cultural background can progress toward more authentic writing. Pate is a Twin Cities fiction writer, poet, essayist, and performance artist and an adjunct faculty member in the creative writing program. He says: "I have always been guided by John Gardner's assertion that '. . . art builds; it never stands pat; it destroys only evil.'"

Traditional Ojibwe Crafts: Beadworking and Birch Bark Basketry (July 25-31). Garnet Mountain and Josephine Ryan. The materials and techniques of the woodland Ojibwe. Participants will design and construct moccasins and other beaded objects and a traditional birch bark makuk. Mountain and Ryan are active craftspeople who say they believe Indian crafts are an important symbol of Indian culture; they both are teachers at Bemidji State University.

Other courses are available in byobu—Japanese folding screens, poetry, mixed-media expression, combining text and images, beadworking, ritual art, writing about the earth, and computerized artmaking.



Split Rock instructor Maria-Theresa Fernandes: "My art and life are inseparable. I live my life through my art and vice versa. Traveling is one of the most important events in my life and the cultural diversity of various people is not only interesting but vital to society. It is by experiencing many cultures that one is able to understand, tolerate, and appreciate different people and their ways of life. I try to assimilate these experiences in my work."

CareerQuest brings the U to you and your career plans in business

Join CEE advisers and University staff May 25 for the second "CareerQuest" information meeting which focuses on educational programs in business and management through Extension at the University of Minnesota.

CareerQuest is a free, two-hour, evening seminar designed for working adults who want to learn more about undergraduate educational opportunities and career planning for their current employment or new careers they're interested in exploring.

You'll hear from CEE Counseling advisers, who specialize in helping adult and part-time students, about University programs that can lead to careers in business, such as the Carlson School of Management and the College of Liberal Arts. You'll learn about how students have combined work and going to school to advance their careers.

Advisers will describe business degree programs and course offerings that you can register for now if you're ready to get underway. If you need time for planning or some soul searching, you'll find out about program advising and career counseling services that the CEE Counseling Office can provide for you.

This CareerQuest session will be held off campus; it meets 5:30-7:30 p.m., Tuesday, May 25, at the Minnesota Extension Service—Hennepin County Office, 1525 Glenwood Avenue, Minneapolis. Space is limited and reservations are required. Park in the lot at the rear of the building. Call 624-1688.

New summer credit courses

FSoS 5252 Aging, Family, and Society. Elderly populations examined in cultural, family, individual life, and social systems. (Page 57 in the summer bulletin)

Hist 1432 History of Africa: 1800 to Present. Colonial rule, forced restructuring and underdevelopment of African economies. African resistance, nationalism, and the problems of independence. (64)

IEOR 5030 Quality Control and Reliability. Industrial Engineering/Operations Research course covering history of quality control, policies and objectives, economics of quality; design for system effectiveness, reliability, maintainability; statistical aids, quality specifications, inspection, acceptance sampling; vendor relations; process control, motivation, quality assurance, quality control engineering. (66)

LA 5119 Planting Design: Ecological Principles/Land Use Concepts and Implementation. Using plants in an ecologically sound and environmentally sensitive manner. Principles derived from natural settings; integration of naturalized materials. (69)

PE 3330 Dance Topics: Teaching Aerobics. Develop a core knowledge and practical skills for teaching dance exercise and basic knowledge of human anatomy, kinesiology, and physiology. (75)

Pol 5885 International Peace and Violence. Normative issues surrounding international violence; causes of violence and possible mechanisms for creating international peace; alternative structures for limiting future violence and maintaining peace. (77)

UNIVERSITY OF MINNESOTA EXTENSION CLASSES INFO (USPS 711-240)

Registration Office: 101 Wesbrook Hall
Telephone 625-3333

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.

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

in short . . .

Summer changes for FSoS

For **FSoS 5240 Medical Family Therapy** (sec 50), change room to McNeal 278 and change Aug. 6 meeting date to Aug. 13. For **FSoS 5242 Death, Other Losses, and the Family,** change day to MW.

* * *

Architecture careers

Is there an architect inside you? Find out in a noncredit course this summer.

Arch 0013 Exploring Architecture: A Career Discovery Workshop is a seminar workshop, meeting evenings, for a two-week period. Instruction is interactive, hands-on experiences covering history, theory, skills, and practices. The class meets 6:30-9 p.m., M-F, July 20-31. Cost is $182.25. See the description in the summer bulletin, page 38.

* * *

Thoughtful reading

Cultural Studies and Comparative Literature (CSCL) courses are listed on page 47 of the summer bulletin. This department is the successor to Comparative Literature (CLit) and includes two courses this summer, **Discourse and Society** (1301) and **Knowledge, Persuasion, and Power** (1303).

* * *

New bulletins

Watch for the 1993-94 Extension Classes Bulletin this summer. It is in production now and will be available early July. You will receive a copy automatically if you have registered for Extension class during the last year (summer terms 1992 or later) and notified of any address changes over that period. If you do not receive a copy by June 25, call 624-2388 to request one. Registration for fall classes begins in early August.

Bookstores notes: credit cards, phone orders, and more

- The University Bookstores accept VISA, MasterCard, and Discover charge cards as a payment option.
- Note that bookstore hours are reduced for summer. Regular hours are 8 a.m. to 4:30 p.m. during summer terms. Extended hours are offered early each term only. See the summer bulletin, page 28.
- Remember that the bookstore buys back only the number of used, *required* textbooks that are projected to meet the need for upcoming terms. Wholesale book companies may purchase books that are not required. Finals week is the best time to sell books; check at the bookstore for additional information. (A picture I.D. is required to sell books or return books.)
- **Ordering books by telephone.** You may order textbooks by telephone and charge costs for books and delivery to your Visa, MasterCard, Discover account. Call the appropriate bookstore (see below) and be prepared to give the course number and section number as well as the delivery address and credit card account number. If textbooks are in stock, your order will be filled and shipped within two working days. Postage and handling will be $2.50 plus the actual UPS charge. Students are urged to wait for confirmation of their registration before ordering books by phone (handling and delivery charges are not refundable).

Minnesota Book Center (East Bank)	624-1819
H.D. Smith Bookstore (West Bank)	625-5317
Books Underground (St. Paul)	624-9200
Health Sciences Bookstore (Moos Tower)	625-8600

Summer terms information

Some new procedures and features to note in the summer bulletin are listed below.

- **Registration dates** for mail registration have been moved up one week relative to last year. This allows more time to process registrations received by mail and helps staff keep registration information and data up to date. Mail-in registration starts May 3 for all summer terms.
- **Official registration forms** are bound into the summer bulletin at the back. The registration forms are on yellow paper. **Please use these forms when you register.** This can save Extension Classes considerable mailing and printing expense (compared to requesting additional forms by phone or picking them up in the registration office).
- **FAX registration.** You may submit your registration by FAX with billing authorized to your VISA or MasterCard. FAX-transmitted registrations are effective the day received (except for those received before the official start of the registration period, which will not be accepted and will be returned to the sender by mail). The FAX number is 625-1511. Fee statements are returned by mail only.
- **I.D. numbers** are now assigned to your undergraduate transcript record when you register for Extension classes. Always use the I.D. number when you register or complete other University forms. Extension students formally admitted to a college are eligible for an I.D. card (optional) and are urged to obtain one. Students not admitted to a college may purchase an I.D. card for $5. See the summer bulletin, page 22, for information about how to obtain a University I.D. card.
- **Cancellations/refunds.** The refund policy has been liberalized over the last year and is closer now to the policy in day school. Generally, students can attend the first week of regular-term classes and still cancel without a penalty. Refunds and deadlines for special-term classes are prorated in relation to the length of the term. See the summer bulletin, pages 32-33, for information.

Summer dates

TERMS

First 5-week term	June 15 (Tuesday) to July 20
10-week term	June 15 to August 25
Second 5-week term	July 22 to August 25

REGISTRATION DATES

By mail (first 5-week term and 10-week terms)	May 3 to June 2
(second 5-week term)	May 3 to July 7
In person (first 5-week term and 10-week term)	May 24 to June 2
(second 5-week term)	May 24 to July 7

REGISTRATION OFFICES

Minneapolis campus	101 Wesbrook Hall
Downtown MacPhail Center	1128 LaSalle Ave., Minneapolis

All registration offices are closed weekends and holidays. (No Saturday in-person registration hours during summer.)

Students are urged to register by mail for all classes (limited and unlimited). A check, money order, or payment authorization (credit card, financial aid, or pre-approved third-party billing) must be included to cover the full amount of tuition and fees.

June 2 is the last day to register without a late fee for 10-week term classes and first 5-week term classes; July 7 is the last day to register without a late fee for second 5-week term classes.

See the Summer Evening Extension Classes Bulletin for complete registration instructions, dates, and hours. For information, telephone 625-3333.

Info (USPS 711-240)
Extension Classes
University of Minnesota
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INFO
A Newsletter for Continuing Education and Extension Students
UNIVERSITY OF MINNESOTA

Second class postage paid, Minneapolis, Minnesota

Summer courses for teachers

Several courses of interest to teachers are scheduled this summer. See the summer bulletin for complete descriptions of the courses highlighted below; page numbers appear in parentheses. Call 624-2388 to request a copy. Most 5000-level courses may be taken for graduate credit (check the course description).

PBio 5960 Plant Biology Workshop for Elementary Teachers. How to use plants in the classroom, curriculum possibilities, use of special materials (Bottle Biology, GrowLab, Fast Plants), current research. Meets for two weeks, July 26-Aug. 6, with 3 or 4 follow-up meetings during the school year. Special registration requirements; call 625-3898 for information. (Bulletin page 76)

Soil 5022 Introductory Soil Science for Teachers. Basic concepts. Lecture, laboratory, field trips. Development of student labs applicable in biology, chemistry, elementary science, environmental studies, other disciplines. Meets days for two weeks. (83)

Afro 3910 The African-American Child: A Comprehensive Approach. Particularly for those who are involved in helping children develop emotionally healthy and psychologically secure. Review of research. Lecture, films, speakers, readings. (36)

CDis 5900 Topics in Communication Disorders: Augmentative Communication Technology. For those interested in designing and using augmentative and alternative communication systems for learners with severe communicative disabilities. Portable electronic communication devices and their use. (45)

PubH 5648 Sexual Orientation: Issues for Adolescents. Individual identity, impact of the community, response in the community to gay/lesbian/bisexual youth; and interventions or roles of professionals in schools and community. (79)

Courses are also available in elementary education, American Sign Language, and special education.

General College "Summer in the City" is learning at a different pace and place

Unique scheduling in certain General College courses this summer permits you to complete an entire course in about two weeks.

Classes meet during the day usually at sites specific to the topic of the course in the program, known as "Summer in the City."

Course numbers, titles, and a sampling of locations are listed below. See the Summer Session (daytime) bulletin or call 625-3339 for information.

GC 1112 Ecological Evaluation of Environmental Problems. Pig's Eye Heron Rookery, Minneapolis Water Treatment Facility, Prairie Island Nuclear Plant.

GC 1221 Minnesota History. Ft. Snelling, St. Anthony Falls, James J. Hill House, new Minnesota History Center.

GC 1284 Behavior Problems of Children. Wilder Child Guidance Clinic, Early Childhood Center, PACER, St. Joseph's Children's Home.

GC 1285 Cultural Anthropology. Cultural sites and other locations related to ethnic and class differences.

GC 1311 General Arts. Visits to galleries, museums, theatres, Minneapolis Sculpture Garden.

GC 1557 Business and Society: Field Experience. Field trips to local businesses to study marketing, manufacturing, finance, international business.

Child Abuse Prevention Studies

Because so many social problems stem from mistreatment and neglect of children, prevention of child abuse has become everyone's business.

A new University of Minnesota certificate program, Child Abuse Prevention Studies (CAPS), is designed to offer learning opportunities and professional development for workers such as health and helping professionals, educators, child care supervisors, and law enforcement personnel, as well as advanced students in related disciplines.

The 20-credit CAPS program includes three core courses plus elective course work, self-directed study, and practicum/seminar experience.

Call the Department of Extension Classes, 625-1855, for information.