



Summer '79 at South Dakota State University

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Special Offerings

Prairie Repertory Theatre

DAMN YANKEES!

June 20 Brookings
June 24 & 30 Prairie Village Opera House
July 8, 12, 20, 29 Prairie Village Opera House

HARVEY

June 22 & 23 Prairie Village Opera House
July 1, 13, 22, 26 Prairie Village Opera House

SEND ME NO FLOWERS

June 27 Brookings
June 29 Prairie Village Opera House
July 7, 15, 19, 28 Prairie Village Opera House

I NEVER SANG FOR MY FATHER

July 5, 6, 14, 21, 27 ... Prairie Village Opera House

PRAIRIE REPERTORY THEATRE 1979

More than 30 directors, actors, and technicians will join forces this summer for the ninth season of PRAIRIE REPERTORY THEATRE at the Prairie Village Opera House near Madison.

This summer the group, in association with SDSU, will present *Damn Yankees!*, *Harvey*, *Send Me No Flowers*, and *I Never Sang for my Father* during June and July in Brookings and Madison. Performance dates are indicated earlier in this publication.

James L. Johnson, director for State University Theatre, will serve as Administrative Head this summer. C.E. Denton, Associate Director at SDSU, and Ray Peterson, Technical Director for SDSU, will serve as directors.

Prairie Repertory Theatre has become the fastest growing summer theatre in South Dakota. In the eight years of existence, Prairie Repertory Theatre has performed 188 evenings of 32 different plays including 11 musicals. Nearly 42,000 people have paid to see these plays and 180 different students have earned college credit while learning about theatre in a very unique way. The company does all work related to its productions including publicity, ushering, set construction, lighting, costuming, and props.

Prairie Repertory Theatre objectives are (1) to provide a wide variety of theatre experiences for the South Dakota students, (2) to present a variety of good theatre in a repertory system for the people of eastern South Dakota.

Five hours of academic credit are awarded for student participation under the course title "Summer Theatre, Thea 495." Last summer 25 scholarships were awarded to the students enrolled, many of whom were majoring in fields other than theatre. Summer Theatre is very much an all-university program with auditions open to all members of the student body.

Auditions for Summer Theatre will be held April 28 from 9:00 a.m. to 4:00 p.m. in the Studio Theatre on the SDSU campus. Summer Theatre rehearsals begin on May 21 with the final day of operation on July 30. The opening performance in Brookings will be June 20 with the opening at Prairie Village slated for June 22. Subsequent performances will be held Thursday through Sunday each weekend until July 29.

Season tickets for the four plays will go on sale May 21 in the Speech Office with tickets for the general public to be available after June 11. Reservations can be made by calling: Brookings: 688-6131, Madison: 256-9988 (10:00 a.m. to 4:00 p.m.).

Especially for Educators

Course Title: Seminar: Adult Learning Theory: Implications for Program Development and Teaching
AHed 582/682 Section 32

This one-week intensive course will consider how out-of-school adults learn and how those serving such a clientele (adult education teachers, cooperative extension service staff and others) can facilitate that learning. The class will consider a number of adult learning theories. From these theories a synthesis of propositions about adult learning will be drawn and examined. The class will also consider the different kinds of learning adults do. Last, the class will study how these theories and kinds of learning can affect the development of programs for adult learning and the teaching of adults.

The course will make extensive use of the participants' backgrounds as adult learners and teachers. Throughout the course participants will take an active role in learning and in facilitating the learning of others.

Participants will be expected to read selected texts prior to the first class session. A syllabus will be provided. Books will be available through the SDSU Bookstore.

Instructor: Janet Favero, Lecturer in Adult Education; Credits: 2.

Schedule: MTWThF 9 a.m.-4 p.m., PC 210, May 14-18, 1979.

Fee: \$62.00

Enrollment Deadline: Monday, April 16, 1979. Send enrollment to Office of Continuing Education/Community Service, South Dakota State University, Brookings, SD 57007

Course Title: Workshop in Speech and Drama Activities

SpCm 592/692 Section 21

Practical insights and experience in dealing with the problems of the speech/drama/English teacher, with special emphasis on curricular activities. SDSU students and high school teachers.

Instructor: Johnson, Widvey Credits: 2-3.

Schedule: MTWThF 9:00-12:00, PC 120, June 4-15, 1979.

Course Title: Recent Development in Nutrition Education Workshop

NFS 551/651 Section 21

An opportunity for teachers to up-date their nutrition knowledge and to integrate nutrition information into a variety of classroom experiences. Must be taken with HED 573/673, Methods and Materials in Teaching of Nutrition.

Instructor: Ketterling Credits: 1

Schedule: MTWThF 9:00-11:00, HN 414, July 9-20, 1979.

Fee: \$46 Ug/\$62 Gr.

Course Title: Outdoor Education Workshop

Recr 581/681 Section 11

Focus on the outdoor classroom, selected sites in Hidewood Hills.

Instructor: Olson, Williamson

Credits: 1

Schedule: 5 days, 8:00 a.m. to 6:00 p.m., one overnight, June 4-8, 1979.

Course Title: Curricula Development for High School Family Life Education Teachers

CDFR 582/682

Section 21

This workshop will consist of an integrated program of content exploration and material development of issues about the individual and the family. It is particularly designed for those who teach or are going to teach Home Economics in the High School setting. About 1/3 of class time will be spent on exploration of current and relevant issues in the family area and about 2/3 will be spent on developing teaching materials in response to the content. (To be taken with HE 573/673).

Instructor: Day

Credits: 1

Schedule: MTWThF 9:00-12:00, HN 373, July 23, -August 3, 1979.

**Aerospace Education Workshop
(SeEd 581/681)**

Practical and current information on aviation and space travel and its effect on our life styles. Classroom utilization at all grade levels is emphasized throughout. Field trips to a fixed base operation, weather service, control tower and the EROS Data Center are included.

Instructor: Jack Robinson, Division of Aeronautics, Dept. of Transportation, Pierre; summer faculty SDSU and BHSC. 3 credits,

Section 11: Sioux Falls - Lincoln Senior High - Room 300; June 18-29; 8:00 a.m.-12:00 noon; 1:00-2:30 p.m.; First class session: June 18 at 9:00 a.m.

Section 21: Watertown - Lake Area Vocational School, July 2-13; 8:00 a.m.-12:00 noon; 1:00-2:30 p.m.; First class session: July 2 at 9:00 a.m.

Fee: \$69 Ug./\$93 Gr.

Class size limited to 25.

Course Title: Motivation and Discipline

SeEd 599/699

Section 6

Deals with varying theories of motivation and discipline and their application in the classroom. Stresses techniques for preventing discipline problems, with emphasis upon ways to provide success experiences and positive reinforcement for students. Emphasizes effective procedures of group management as applied to the classroom situation. The course is planned for both elementary and secondary teachers. The content is also significant for guidance and administrative personnel. The textbooks to be used are *Motivation: Understanding and Influencing Human Behavior*, by Kolesnik, Allyn and Bacon, and *Changing Student Behavior: A New Approach to Discipline*, by Brown, William C. Brown Company. The instructor, Dr. Lois Widvey, has taught at elementary, secondary, and college levels, as well as designing and implementing a program for unmotivated students and slow learners.

Instructor: Widvey

Credits: 2.

Schedule: MTWThF 8:30-11:30, Ro A, July 9-20, 1979.

Course Title: Update on Teaching Strategies

SeEd 598/698

Section 11

This course is designed for teachers who are interested in acquiring and practicing selected strategies for use in the classrooms. Discovery, creativity, group and expository strategies are general categories

which might be considered. The particular strategies will be chosen by the course participants. The textbooks to be used are *Current Strategies for Teachers* by Goodyear Company and *Strategies in Education Explained* by Karlyn Company. The instructor, Dr. Charles Lingren, has his Ph.D. degree from the University of Iowa in Curriculum. He was a teacher and K-12 Curriculum designer in the public schools for 17 years. He currently teaches Methods at SDSU and has been Supervisor of Clinical Experiences for the past three years.

Instructor: Lingren

Credits: 2.

Schedule: MTWThF 12:00-3:00, CEH 204, June 4-15, 1979.

Course Title: Education Seminar for Psychology Teachers

SeEd 582/682

Section 18

A seminar for psychology teachers and others in the social sciences. The course will consist of the following segments:

1. Survey of contemporary developments in the field of psychology.
2. Study of the American Psychology Association and NSF sponsored curriculum projects.
3. Survey of methods of presentation of psychological and related concepts.
4. Survey of curriculum resources available to teachers.

The approach of the course will be to provide a balanced presentation of scientific and clinical psychology concerns. Lecture by psychology staff, guests and group discussions, individual projects, simulation/gaming, and new audio visual materials will be used to provide a range of learning activities designed to build on the participants' knowledge and skills and to provide opportunities for new learning.

Instructor: Burke

Credits: 3.

Schedule: MTWThF 8:00-12:00, June 11-22, 1979.

Course Title: Workshop in Farm Management Education

AgEd 505/605

Section 22

Farm business management education program planning at the local level. Curriculum materials, records, budgeting, enterprise analysis, cash flow, net worth statements, all from the instructional standpoint. Emphasis on income tax management and preparation. Multi-school cooperation in farm management programs. For more information, contact Dr. Clark Hanson, Director of Workshop.

Instructor: Hanson

Credits: 1.

Schedule: MTWThF 8:00-4:00, RoD, July 9-12, 1979.

Course Title: Curriculum Materials (K-12) in Civic-Legal-Moral Education

SeEd 582/682

Section 27

Review of curriculum materials for civic-legal-moral education. Emphasis on materials used in teaching about discipline, rule-making and rule-enforcing, decision-making, responsibility, authority and justice. A large variety of materials and strategies will be available. General interest to all educators. Special interest to all elementary teachers and to secondary teachers in language arts and social studies. All materials required for use in the course will be provided at no cost to students. The instructor, Dr. Marvin Scholten, for a two year period, 1976-78, served as Director of South Dakota Law-related Education Project. In the past three years he has attended seven national seminars in legal and moral education.

Instructor: Scholten

Credits: 3.

Schedule: MTWThF 1:00-5:00, RoD, July 16-27, 1979.

Course Title: Questioning as a Teaching Strategy
SeEd 582/682 **Section 15**

This course is for all teachers interested in using questions effectively. Emphasis will be on kinds of questions to use, purposes of questions, and strategies for using questions. Participants will be involved in designing questions for their teaching area. The textbooks to be used are *Higher Cognitive Questions Minicourse -9* by Macmillan Educational Services and *Creative Questioning and Sensitive Listening Techniques* by Merrill and Company. The instructor, Dr. Charles Lingren, has his Ph.D. Degree from the University of Iowa in Curriculum. He was a teacher and K-12 Curriculum designer in the public schools for 17 years. He currently teaches methods at SDSU and has been Supervisor of Clinical Experiences for the past three years.

Instructor: Lingren

Credits: 2.

Schedule: MTWThF 12:00-3:00, RoA, June 18-29, 1979.

Course Title: Humanistic Approaches to Teacher Effectiveness

SeEd 508/608 **Section 11**

A study of skills and techniques employed in interacting with students with emphasis on actual application. Topics include identification of problem ownership, active listening and no-lose method of conflict resolution. Of particular interest to classroom teachers, but should prove interesting and useful to anyone involved in a school setting. The textbook to be used is *T.E.T. Teacher Effectiveness training* by Thomas Gordon, published in paperback by McKay. The instructor, Dr. Tom Reifschneider, has his degree in educational psychology. He has six years of experience teaching in high schools in Suburban Chicago and has been a member of the SDSU Division of Education staff for three years. He has also had experience teaching psychology and education at three other higher education institutions in Illinois and British Columbia, Canada.

Instructor: Reifschneider

Credits: 2.

Schedule: MTWThF 8:30-11:30, CEH 204, June 4-15, 1979.

Course Title: Diagnosis and Remediation of Reading Problems

SeEd 753 **Section 11**

General nature of causes of reading disability, principles of diagnosis and use of instruments, basic principles of individual remediation, case studies, evaluation of progress of the disabled reader, adaption of techniques to classroom. P, EPsy 302.

The instructor, Dr. Jim Williamson, has his Ed.D. degree in Reading, minor in phonetics from the University of Arizona. He currently is an Associate Professor and teaches reading at SDSU.

Instructor: Williamson

Credits: 2.

Schedule: MTWThF 8:30-11:30, RoA, June 18-29, 1979.

Sports and Recreation Camps

Course Title: Water Safety Instructors Workshop
HPER 581/681 **Section 31**

The nine basic strokes taught by the American Red Cross are covered. The course also includes teaching techniques for all levels of swimming and lifesaving, lifeguarding, and recording of course records. To be eligible, one must be over 17 years of age with swimmer skill level, and must hold a current advanced lifesaving certificate (dated within the last 3 years). Instructors Pete Torino and Brad Erickson are both certified Red Cross Water Safety Instructor Trainers. Erickson is in his third year as aquatics coordinator and head swim coach at SDSU. Torino was gymnastics coach and

aquatics instructor at SDSU for 15 years.

Instructors: Erickson, Torino

Credits: 1.

Schedule: *, May 27-June 1, 1979.

Course Title: Tennis Camp
PE 581/681 **Section 32**

This camp is designed to help all tennis players, beginning to advanced levels, improve their skills through critical analysis of the total tennis game, both singles and doubles. Group and individual instruction will be used.

Instructor:

Credits: 1.

Schedule: *, May 30-June 1, 1979

Course Title: Competitive Swimming and Diving Camp

HPER 581/681 **Section 11**

A five day workshop covering the four competitive strokes, starts, turns, and training techniques. The camp is designed for swimmers entering grades 4-12, and for swimming coaches. One must have attained junior level collegiate academic standing in order to be eligible to enroll for academic credit.

The instructor, Brad Erickson, has been an instructor at this camp for 5 of the 6 years it has been in existence. Selected area swim coaches also serve on the instructional staff.

Instructor: Erickson

Credits: 1.

Schedule: *, June 3-8, 1979.

Course Title: Gymnastics Camp
PE 581/681 **Section 12**

Gymnasts of all ability levels will receive small group and individualized instruction in the Olympic events, plus the areas of trampoline and dance for gymnastics. Participants will be placed into groups of 10 to 12 based upon physical ability and experiences. Video equipment will be available each day.

Instructor: Snyder

Credits: 1

Schedule: *, June 3-8, 1979.

Course Title: Wrestling Camp
PE 581/681 **Section 13**

Instructor: Linander

Credits: 1.

Schedule: *, June 10-15, 1979.

Course Title: Sportswriting Camp
PE 581/681 **Section 14**

The purpose of this camp is to help high school sportswriters and student managers who keep game statistics improve their skills and provide an opportunity for newspaper and yearbook sports editors to receive help in improving writing skills. Sessions include reporting, lab work in writing, and keeping game statistics plus a recreation program.

Instructor: Lenz

Credits: 1

Schedule: *, June 10-15, 1979.

* For detailed information on this program, please call the Health, Physical Education & Recreation department office Monday through Friday, 8 a.m. to 5 p.m., at 605/688-5625.

Course Title: Sioux River Canoe Exploration
Recr 581/681 **Section 31**
 Focus on history, nature, recreation and camping.
Instructor: Olson, Williamson **Credits:** 1.
Schedule: 6 days, all day, May 13-19, 1979.

Course Title: Field Experience & Internship: Historic Preservation
Geog 480 **Section 81**
 An eight week field camp in Brown County, S.D. and Dickey County, N.D. Jointly sponsored by SDSU, University of North Dakota, South Dakota Historic Preservation Center, and North Dakota State Historical Society. An intensive examination of methods of historic preservation surveying. Limited to 15 students. Contact John Rorabacher at 688-4511.
Instructor: Rorabacher, Hogan, Munski **Credits:** 8.
Schedule: TBA, June 6-August 1, 1979.

Course Title: Living and Study Abroad Program—Spain
MFL 395 **Section 82**
 Study in Spain, Summer 1979. The purpose of the program is to provide students with the opportunity to live, study and travel in Spain where they will come into direct contact with the language and the culture. Travel will be limited to Spain and each student will have the responsibility of developing an area of his or her particular interest. The project aim is to provide each individual student of the group with an indepth personal experience in Spanish language and culture.
Instructor: Onstine **Credits:** 3-6.
Schedule: June 11-July 22, 1979.

Course Title: Scandinavian Summer Studies Special: Norwegian Language and Culture
MFL 394 **Section 12**
 Introduction to Norwegian Language and Culture. The practical use of Norwegian for travelers is emphasized. The reading of elementary texts is supplemented with the foreign language laboratory. Presentations and demonstrations will include such subjects as literature, rosemaling, music, art, etc. The course will not apply toward the foreign language BA requirement of the foreign language major.
Instructor: Sunde **Credits:** 3,1.
Schedule: MTWThF 9:10-11:20, HN 159, June 6-July 3, 1979.

Course Title: Living and Study Abroad—Germany
MFL 395 **Section 31**
 The program will begin with two to three day visit in Berlin followed by about a week touring in East Germany. There then follows a two week journey through the major areas of West Germany—the North Sea Coast, the Ruhr area, the Rhine river valley, the heathland, the Black Forest and the Bavarian Alps. This will be followed by a two to three week intensive language course at a German university. The final two weeks of the program will be devoted to independent travel and study in preparation for a student's term paper in his/her area of interest.
 The tour portion of the trip would include visits to cultural and historical places of interest, such as museums, churches, castles, exhibits, and the like. We are leaving early to also take advantage of the

rich cultural entertainment available in Germany, such as concerts, theater, operas, films, etc. An attempt would also be made to impress the students with the distinctive geographical features of the various areas of the country. Visits would be arranged to schools, universities, factories, student groups, and so on to give the students an idea of the social levels of society and the life of citizens engaged in various occupations. There is also ample opportunity for contrasts between East and West Germany.

Instructors: Acker **Credits:** 3-6.
Schedule: May 13-July 6, 1979.

Course Title: Field Experience: Northwestern USA
Geog 380 **Section 31**
 A traveling classroom to study the geography and history of the northwestern states in the field. Among the various places to be visited and studied are the Black Hills, Yellowstone Park, Salt Lake City, the Royal Gorge. Interested students should contact Dr. Lee Opheim at 688-4511.
Instructor: Opheim **Credits:** 3.
Schedule: First meeting, Sat., May 12, 1 p.m., Sco 238, May 14-June 1, 1979.
Fee: \$69.00 (plus travel expenses)

Evening Offerings

Course Title: Canadian-American Relations Through Films
PolS 496 **Section 31**
 The films depict the development of relations between the United States and Canada. In addition to those that deal with the theme there will be brief films introducing Canada's people, culture, and institutions. All the films have been produced by the National Film Board of Canada and are made available courtesy of the Canadian Consulate in Detroit. The films will be shown daily from 9:00-11:00 a.m. and repeated from 7:00-9:00 p.m. in the Memorial Art Center Auditorium. A half hour discussion will follow each presentation.
 Those taking the class for university credit will prepare summary reports on the films and take a brief examination. A pamphlet, available in the Student Association Bookstore, entitled: *Canada, Past and Present* by John Saywell will be required reading.
 The grade will be pass or fail. No prerequisite or class size limit.
Instructor: Hendrickson **Credits:** 1.

Schedule: MTWThF 9:00-11:00 or 7:00-9:00 p.m., Memorial Art Center Auditorium, May 14-18, 1979.

Course Title: Moral and Ethical Perspectives on Death and Dying
Rel 360 **Section 81**
 This course is intended to generate discussion on topics related to death and dying, and to encourage participants to utilize ethical reflection and thoughtfulness in examining issues such as the dying process, euthanasia, grief, suicide, and others.
 The course should be of special interest to health professionals, teachers, social service employees, and anyone dealing with death and dying.
 Texts include: Weir, *Ethical Issues in Death & Dying*; Westberg, *Good Grief*; Kubler-Ross, *Death: The Final Stage of Growth*
Instructor: Dennis A Norlin, Ph.D., Asst. Prof. of Philosophy and Religion, S.D.S.U. Dr. Norlin is a former hospital chaplain who worked with terminal patients for several years. **Credits:** 3.

Schedule: MW 7:00-9:30 p.m., HN 125, June 6-August 1, 1979.

Fee: \$69.00

Course Title: Men and Medicines

Pha 199

Section 12

History and development of selected medicinal agents. There will be some reference to original literature. Quackery will be discussed with pertinent examples. Some laboratory demonstration. Grading on satisfactory-unsatisfactory basis.

Instructor: Omodt

Credits: 1.

Schedule: TWTh 7:00-9:00 p.m., SH 317, June 6-July 3, 1979

Course Title: Theory for Beginners

Mus Lab

Theory for high school students who are thinking of majoring in Music.

Instructor: Royer.

Schedule: MTWTh 7:00-9:00 p.m.

Course Title: Basic Photography

MCom 160

Section 81

Use of camera and dark room equipment. Not for journalism majors.

Instructor: Elnor

Credits: 3.

Schedule: MW 7:00-10:00 p.m., PJ 207, June 6-August 1, 1979

Fee: \$69.00

Course Title: Special Problems: Managing Family Finances

HE 573/673

Section 31

Financial decision making; developing and controlling family budgets; safe debt load, allocating family finances, determining net worth, forecasting income and expenses. Problem solving techniques for common family financial problems.

Instructor: Farris

Credits: 1.

Schedule: MTWThF 6:00-9:00 p.m., HN 373, May 21-25, 1979.

Fee: \$23 Ug/\$31 Gr

Course Title: Cartography

Geog 383

Section 81

History and principles of cartography with emphasis on field mapping, map projections, cartographic design, map interpretations, and exercises in map making.

Instructor: Opheim

Credits: 3.

Schedule: TTh 7:00-9:00 p.m., Sco 030, June 6 -August 1, 1979.

Fee: \$69.00

Learn for Lunch

Course Title: Public Administration

PolS 320

Section 81

U.S. public administration; basic elements of administration: personnel, budgeting, planning, organization and management; and importance of federal executives in shaping public policy. 30 students.

Instructor: Burns

Credits: 3

Schedule: MTWThF 12:00-1:00 p.m., Ad 308, June 6-August 1, 1979.

Fee: \$69.00

Course Title: Introduction to Interior Design

TCID 221

Section 81

Emphasis on functional application of principles and elements of design to the home. Principles of drawing plans and elevations.

Instructor: Lyman

Credits: 3

Schedule: MTWThF 12:00-1:00 p.m., HN 335, June 6-August 1, 1979.

Course Title: Christ and Caesar

Hist 396

Section 81

The clash of values between Christianity and Roman society, the structuring up and spiritual triumph of the early Church, and the disintegration of the Roman Empire.

Instructor: Bell

Credits: 3

Schedule: MTWThF 12:00-1:00 p.m., Ro E, June 6-August 1, 1979.

Course Title: Special Topics Income Tax Preparation

Econ 491

Section 81

Basic concepts and ideas behind preparation of personal income tax returns. Discussion of Form 1040 and related schedules, including self employment income.

Instructor: Rasmussen

Credits: 3

Schedule: MTWThF 12:00-1:00 p.m., DM 112; June 6-August 1, 1979.

Course Title: Money and Banking

Econ 330

Section 81

Principles of money, banking, and credit; major types of financial institutions and their significant functions and policies. P, 201 or 202, Sophomore standing.

Instructor: Greenbaum

Credits: 3

Schedule: MTWThF 12:00-1:00 p.m., Ro B, June 6-August 1, 1979.

Course Title: Business Finance

BAd 310

Section 81

Capital and credit needs of business firms; principles and problems in extending and using business credit; analysis of financial statements; financial management; planning and financing capital structure; market for and investing in debt and equity securities. P, Actg 210 or equivalent.

Instructor: Felberg

Credits: 3

Schedule: MTWThF 12:00-1:00 p.m., DM 208, June 6-August 1, 1979.

Course Title: Seminar: Children With Special Needs
CDFR 401 **Section 81**

A study of various types of exceptionality; physical disabilities, retardation, and emotional problems. Emphasis will be on pre-school and early elementary.

Instructor: Greene

Credits: 2

Schedule: MTWTh 12:00-1:00 p.m., PC 134, June 6,-August 1, 1979.

Course Title: Fundamentals of Speech
SpCm 101 **Section 83**

Required of all students unless permission is granted to substitute an advanced course. Emphasis on development of skills in research, organization, style, delivery, and listening necessary for effective oral communication.

Instructor: Staff

Credits: 3

Schedule: MTWThF 12:00-1:00 p.m., CEH 218, June 6-August 1, 1979.

Potpourri

Course Title: Range Analysis
Rang 322 **Section 21**

Theory and practice of range surveys used by various administrative and research organizations to determine range condition, trend, utilization and recommended stocking rate. Surveys conducted by students on various ranches in western S.D. P, 300; Bot 205, 261.

Instructor: Lewis, Engle

Credits: 3

Schedule: First meeting, July 16, 8:00 a.m., Contact Professor James K. Lewis, SDSU, 605-688-5165 for location, July 16-August 3, 1979.

Course Title: Field Studies in Range Management
Rang 421 **Section 91**

Extended field trip to study range sites and condition classes in different grazing regions and to examine range research projects and action programs. P, 321.

Instructor: Lewis, Engle

Credits: 2

Schedule: First meeting, July 16, 8:00 a.m., Contact Professor James K. Lewis, SDSU, 605-688-5165 for location, August 6-17, 1979.

Course Title: Art in Today's Home
TCID 211 **Section 31**

Design principles as they relate to art in the home. The students will study the elements and principles of design as they apply to the home with the possibilities and limitations of materials. They will study the background of interiors, furniture, and decorative accessories. The context of the total environment will be studied.

Instructor: Lyman

Credits: 2

Schedule: MTWThF 8:00-12:00, HN 335, May 14-June 1, 1979.

Course Title: Pattern Alteration - Minott Method
TCID 592/692 **Section 21**

Jan's fitting and pattern adjustment methods are the culmination of more than twenty years' practical developmental work. Early in her career, she became discontented with standard pattern alteration methods, which to her seemed obviously handed down from textbook to textbook over too many years. She also felt that they were directed at a low education level and reflected a homemade look. Jan resolved that she would find a way of adjusting the fit of a standard basic pattern for any figure and do it so perfectly that it could be used satisfactorily with commercial style patterns. Devising her own concepts, she has been successful in cultivating this field into an exact science. Regardless of the body shape to which it is applied, this unique system of adjusting the fit of commercial patterns is outstandingly successful.

Instructor: Minott

Credits: 1

Schedule: MTWThF 8:30-4:20, HN 221, July 9-13, 1979.

Fee: \$23.00

Reservation by May 15, 1979.

MEET THE INSTRUCTOR:

A graduate commercial artist and designer, Jan Minott directed her artistic talents to the teaching of custom clothing construction, specializing in pattern adjustment. She teaches classes in personal pattern fitting for Los Angeles City Schools Adult Education and more advanced classes for the UCLA extension program. Her in-service teacher training workshops are popular during the summer.

Course Title: Advanced Pattern Alteration
TCID 592/692 **Section 22**

Instructor: Minott

Credits: 1

Schedule: MTWThF 8:30-4:20, HN 221, July 16-20, 1979.

Course Title: Directed Studies: Brookings Soundscape Project

Mus 591/691 **Section 22**

B.S.P. will attempt to measure and interpret the effects of varying types and intensities of sound upon life in and around Brookings. Proposed activities include:

1. B.S.P. at Oakwood Lakes State Park - a weekend of camping to measure and map the soundscape at Oakwood Lakes.
2. Lunch and dinner at two different Brookings restaurants to study the nature of food and sound.
3. A trip to the Brookings Mall and to downtown Brookings to compare the acoustical nature of closed and open business areas.
4. A trip through selected parts of the South Dakota State University campus to map the university.

Instructor: Johnson

Credits: 1-2

Schedule: MTWTh 2:10-4:20, MC 208, July 5-August 1, 1979.

Course Title: Certificate in Modern Earth Resources Investigation Techniques (MERIT)

As modern technology impacts on our society and earth, new tools emerge for scholars. The certificate program courses are designed to provide participants with a background that will allow them to utilize these advances in their careers and research. The following offerings constitute the MERIT Summer Certificate Program. They may be taken for credit or audit.

With the completion of these twelve credits listed below, the Certificate in Modern Earth Resources Investigation Techniques will be awarded.

The courses are:

- Geog 383 - Cartography
- Geog 484 - Remote Sensing

Geog 486 - Computer Mapping
Geog 509 - Seminar: Urban Applications of Aerial
Photography
or
Geog 483 - Air Photo Investigation.

Course Title: Special Problems: Death and Dying
Geog 390 **Section 31**

A comprehensive look at the areas of dying and death in the American tradition. Some local field experience to be arranged for the total class. May be taken for Health Science credit. Contact Dr. Edward Hogan, 688-4511 or Dr. Charles Blazey, 688-4106.

Instructor: Hogan, Blazey **Credits: 1**

Schedule: MTWThF 1:00-4:20, Ro B, May 14-18, 1979.

Course Title: Special: Introduction to Geographic Techniques
Geog 396 **Section 11**

An intensive two week course designed to provide individuals interested in geographic techniques-cartography, aerial photography interpretation, remote sensing and computer mapping-an introduction to those skills. The course utilizes the first two weeks of course offerings as a controlled introduction to these techniques. It is designed to afford planners, cartographers, government workers, and others the opportunity to become familiar with these techniques in a concentrated period of time.

Instructor: Sandness, Weinkauff, Samuelson **Credits: 2**

Schedule: MTWThF, 8:00-11:20 a.m., Sco 030, June 6-20, 1979.

Course Title: Seminar in Systematic Geography: Urban Applications of Aerial Photography
Geog 506/606 **Section 81**

The application of the advanced skills and techniques involved in the interpretation of urban environments by aerial photography. Special application of techniques to land use, industrial, commercial and residential functions.

Instructor: Samuelson **Credits: 3**

Schedule: MTWThF 10:20-11:20 a.m., Sco 030, June 6-August 1, 1979.

Course Title: Arts and Science Special: Geography of the Brookings Area
Geog 396 **Section 81**

The physical and cultural geography of the Brookings area; the inter-relationship and significance of the community and area with various regions within the State and nation.

Instructor: Samuelson, **Credits: 3**

Schedule: MW, 7:00 p.m., DM 100, June 6-August 1, 1979

Fee: \$69.00

Course Title: Graduate Seminar—"Extraordinary Groups"
Soc 791 **Section 11**

The life styles and social organization of unusual groups, such as the Hutterites, Amish and modern communes.

Instructor: Riley

Credits: 3

Schedule: MTWThF 10:20 a.m.-12:30 p.m., Sco 030 or Lib 222, June 6-July 3, 1979.

Course Title: Special Problems in Philosophy
Phil 455 **Section 11**

Philosophy of the land. The way we see the world directly affects the way we act toward that world; the way we understand our relationships to the land profoundly affects our actions toward the land. This course is designed to uncover some of the alternative ways of understanding our relationship to the land and to become clear about the consequences of these understandings on our actions and our values. The course will attempt to ascertain the prevailing visions of the land existing in our society. Of central interest will be an investigation of agriculture and our understanding of the land today.

The course should be of special interest to thoughtful students in agriculture and the biological sciences, as well as any persons interested in ecology or land use management.

Texts include: *Earth Might Be Fair*, Edited by Barbour
The Unsettling of America, Berry

Instructor: Nelson **Credits: 2**

Schedule: MTWTh 1:10-3:20 p.m., Ro B, June 6-July 3, 1979.

Course Title: The New Testament Era: Elementary Greek, and Graeco-Roman History and Religion.
Hist 396 **Section 11**

The development of Christianity in the late Hellenistic and early Roman imperial periods. The course will include an intensive study of Koine Greek (New Testament Greek), the influence of Greek thought and culture on early Christianity, and the relationship of Christianity to Roman society and policy. (See MFL 394 and Rel 493.)

Instructor: Bell, Fee, Richter **Credits: 3**

Schedule: MTWThF 9:10-11:20 a.m., CEH 316, June 6-July 3, 1979.

Course Title: Latin American Culture
MFL 394 **Section 81**

A course on the civilization of the people of Latin America. Will provide a broad view, including geography, history, politics, social life, art and architecture, literature, and music. May be taken for humanities credit. Does not fulfill BA foreign language requirement. In English.

Instructor: Bates **Credits: 3**

Schedule: MTWThF 2:20-3:20 P.M., HN 159, June 6,-August 1, 1979.

Course Title: The New Testament Era: Elementary Greek and Graeco-Roman History and Religion
MFL 394 **Section 11**

The development of Christianity in the late Hellenistic and early Roman imperial periods. The course will include an intensive study of Koine Greek (New Testament Greek), the influence of Greek thought and culture on early Christianity, and the relationship of Christianity to Roman society and policy. (See Hist 396 and Rel 493.)

Instructor: Bell, Fee, Richter **Credits: 3**

Schedule: MTWThF 9:10-11:20 a.m., CEH 316, June 6-July 3, 1979.

Course Title: Seminar in American Literature: Male Myth

Engl 594/694

Section 81

Social and psychological aspects of the male stereotype in American literature.

Instructor: Witherington

Credits: 3

Schedule: MTWThF 9:10-10:10 a.m., HH 253, June 6-August 1, 1979.

Course Title: Men and Medicines

Pha 199

Section 11

History and development of selected medicinal agents. There will be some reference to original literature. Quackery will be discussed with pertinent examples. Some laboratory demonstration. Grading on satisfactory-unsatisfactory basis.

Instructor: Omodt

Credits: 1

Schedule: MTWTh 2:10-3:10 p.m., SH 317, June 6-July 3, 1979.

Course Title: R.N. Refresher Course

The goal is to provide a planned learning experience which will enable the R.N. to provide holistic care to her/his client utilizing the nursing process based on current theory and clinical concepts.

Instructor: Schroeder

Credits: 76 contact hours

Schedule: MTWTh 8:00 a.m.-4:00 p.m., HN 312, June 4-28, 1979.

Course Title: Summer Publications Institute

Workshop for high school students. Topics to be covered include high school newspaper production, beginning photography, sports writing, yearbook preparation and intermediate photography.

Instructor: Cline

Credit: Non-credit

Schedule: Daily, 8:30 a.m.-4:00 p.m.; First week-Grove Commons, Second week-Christy Ballroom, June 10-23, 1979.

Just For Fun

Course Title: All-State Music Camp

Offerings for students in 7th-12th grade in Band, Chorus, Orchestra, Jazz and Dance.

Instructor: Walker

Non-credit

Schedule: South Dakota State University Campus, June 3-9, 1979.

Course Title: Rushmore Music Camp

Please see department brochures.

Schedule: Black Hills, August 5-11, 1979.

Course Title: Reflections of Myself

An informal mini-course designed for women interested in self exploration and development. We will concentrate on values clarification and identification of skills and abilities. Designed for women interested in learning more about "what makes me tick and why". Persons interested in group process will find the course especially

valuable.

Instructors: Lee Ann Pierce, Director, Career Planning and Placement; Mary Helen Hopponen, Co-Director, Women's Center

Non-credit

Schedule: TBA to fit participants schedules. Will meet two hours weekly during July, West Hall 103, SDSU, First class session July 5, 3:00 p.m.

Fee: \$8.00

Limited to 10 persons.

Course Title: Audio Visual Methods and Materials

The course will deal with characteristics, use, and production of instructional materials. Class members will be given the opportunity to produce materials in a variety of formats including: transparencies, filmstrips, slide tape productions and multi-image. One session will deal with the care and maintenance of instructional materials and equipment.

Instructor: Gary L. Sheeley, Media Coordinator, SDSU Campus Teaching Center

Non-credit

Schedule: Daily 2:30-4:30 p.m., Ro C, SDSU, June 11-15, 1979.

Fee: \$15.00, An additional fee of \$2 to \$15 will be assessed for consumable supplies.

Course Title: Color and Personality

Take a color personality test. Create your own personality-color collage. Learn how color can affect and reflect a person's moods and vitality. Explore ways to "liven up" your environment through the use of color in clothes and surroundings.

Instructor: Gay Witherington, Coordinator, Counseling Committee, Women's Center

Non-credit

Schedule: M, 3:00-5:00 p.m., Lib 222, SDSU, July 2, 9, 16, 1979.

Fee: \$10.00

Course Title: Success Skills for Women in Management

Goal setting, decision making, advanced assertiveness training and "how to delegate responsibility" skills. This is designed for women in management or other positions of responsibility and also for women who are trying to move into such positions.

Instructors: Mary Helen Hopponen, Co-Director, Women's Center; Gay Witherington, Coordinator, Counseling Committee, Women's Center

Non-credit

Schedule: M, 7:00-10:00 p.m., Lib 222, SDSU, June 4, 11, 18, 25, 1979.

Fee: \$10.00

Course Title: School Food Service Program

This program meets the standards for certification as a school lunch manager in South Dakota. The sequence of courses is planned to provide commercial food service personnel with the skills and proficiency required of cooks and kitchen personnel. (non-degree)

Instructor: Staff

Non-credit

Schedule: Larson Commons, Registration Sunday, June 10, 3:00-6:00 p.m., June 10-16, 1979.

Course Title: Japanese Embroidery-Bunka

Bunka, Japanese embroidery, is an exciting and beautiful alternative in needlework. It is easy to learn and do. Included in the classes will be basic preparation of the picture and thread, stitching and framing. There will be an additional \$7.00 fee for supplies, which include the kit, needle and working frame.

Instructor: Kate Kettler

Non-credit

Schedule: T&Th, 7:00-9:00 p.m., PC 202, May 15, 17, 22 and 24, 1979.

Fees: Instructional Fee: \$10.00; Supplies: \$7.00

Class size limited to 15. Paid preregistration by May 1, 1979 at PC 201.

COURSE SCHEDULE - ON CAMPUS

AGRICULTURAL ENGINEERING

● Main Session

Course Title: Special Topics
AE 470 Section 81

On demand, individual or group study. P. consent.

Instructor: Staff Credits: 1-4

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Problems in
Agricultural Engineering

AE 490 Section 81

Special problems in Agricultural Engineering with particular application to individual study where the solution must be written up in a final report. Must have approval of the advisor and head of department.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Topics
AE 595/695 Section 81

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Problems in
Agricultural Engineering

AE 770 Section 81

On demand. Graduate Students who wish to pursue detailed studies in one or several areas of the Agricultural Engineering field including meteorology and climatology.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis in Agricultural

Engineering
AE 790

Section 81

Instructor: Staff

Credits: 1-7

Schedule: TBA, June 6-August 1, 1979.

ANIMAL SCIENCE

● June Session

Course Title: Research Problems
AS 591/691 Section 11

Investigation of problems in following areas with results submitted as technical paper: Animal breeding, Nutrition, Meats, Livestock Production, Reproductive Physiology, Wool Technology, Poultry. Maximum of 3 credits for student program.

Instructor: Staff Credits: 1-3

Schedule: Contact faculty member in subject area desired on June 11, 1979, 9:00 a.m., Animal Science Complex.

Course Title: Special Topics in
Animal Science

AS 592/692 Section 11

Plan to offer work in either Animal Nutrition or Livestock Management.

Instructor: TBA Credits: 1

Schedule: TBA, AS 129E, June 11-15, 1979.

● Main Session

Course Title: Summer Field Experience in Animal Science

AS 472 Section 81

Supervised field experience with a livestock enterprise or related agri-business for exposure to industry problems and solutions, evaluation of career objectives and final career preparation.

Instructor: Staff Credits: 1-12

Schedule: TBA, June 6-August 1, 1979.

Course Title: Research Problems
AS 591/691 Section 81

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Topics
AS 592/692 Section 81

Instructor: Staff Credits: 1-6

Schedule: TBA, June 6-August 1, 1979.

Course Title: MS Thesis
AS 790 Section 81

Instructor: Staff

Schedule: TBA, June 6-August 1, 1979.

Course Title: Ph.D. Thesis
AS 890 Section 81

Instructor: Staff

Schedule: TBA, June 6-August 1, 1979.

● July Session

Course Title: Research Problems
AS 591/691 Section 21

Instructor: Staff Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Course Title: Special Topics
AS 592/692 Section 21

Instructor: Staff Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Course Title: Range Analysis
Rang 322 Section 21
Special Offering, see page 8

Course Title: Field Studies in
Range Management
Rang 421 Section 91
Special Offering, see page 8

ART

● Interim Session

Course Title: Design I
ArtS 123 Section 31
Studio approach to visual arts through
critiques, lectures and studio participation.

Instructor: Martens Credits: 3

Schedule: MTWThF, 9:00-12:00 &
1:00-4:00, SoH 118W, May 14-June 1, 1979

Fee: \$69.00

Course Title: Design III
ArtS 222 Section 31
Color, its action and interaction in rela-
tion to design properties.

Instructor: Guastella Credits: 3

Schedule: MTWThF, 9:00-12:00 &
1:00-4:00, SoH 116, May 14-June 1, 1979.

Fee: \$69.00

Course Title: Fabric Design and
Fibre Construction
ArtS 396 Section 31
Techniques, processes and history of
Batik, Tie Dye and Felt Making.

Instructor: H. Morgan Credits: 3

Schedule: MTWThF, 9:00-12:00, SoH 02,
May 14-June 1, 1979.

Fee: \$69.00

● June Session

Course Title: Lettering (Callig-
raphy)
ArtD 112 Section 11
History, design and skill development of
hand lettering.

Instructor: Edie Credits: 3

Schedule: MTWThF, 6:50-9:00 a.m.,
SoH 118W, June 6-July 3, 1979.

Fee: \$69.00

AVIATION EDUCATION

● June Session

Course Title: Introduction to Avia-
tion

Avia 270 Section 11
Aerodynamics, principles of flying, civil
air regulations, meteorology, radio and
navigation.

Instructor: Card Credits: 3

Schedule: MTWThF, 1:10-3:20 p.m.
RoC, June 6-July 3, 1979.

● Main Session

Course Title: Basic Flight Training
Avia 272 Section 81

Student gets a pre-solo time and his dual
cross-country requirements completed.
Preflight and postflight briefings held with
each flight. P, Avia 270.

Instructor: Card Credits: 2

Schedule: TBA, June 6-August 1, 1979.

Fee: \$300.00.

Course Title: Advanced Flight
Training

Avia 372 Section 81
Covers advanced phases of flying, in-
cluding solo, cross-country flights and all
phases of flight training. Course given in full
compliance with FAA regulations. P, Avia
272 or equivalent.

Instructor: Card Credits: 2

Schedule: TBA, June 6-August 1, 1979.

Fee: 300.00.

BOTANY-BIOLOGY

● Interim Session

Course Title: North American
Biomes Field Trip

Bio 597/697 Section 31
Through the vehicle of a field trip, the
students observe and report their experiences
as they travel through and study each of the
major biomes of southern, southwestern and
western United States. P, consent of instruc-
tor.

Instructor: Peterson Credits: 3

Schedule: TBA, May 14-June 1, 1979.

● June Session

Course Title: Intro to Biology
Bio 151 Section 11

Modern biology as related to living
organisms. Emphasis on molecular and
cellular organization.

Instructor: Gregory Credits: 3

Schedule: MTWTh, 8:00-9:00 a.m. Lec-
ture; MTWTh, 9:10-11:20 Lab, AgH 305,
June 6-July 3, 1979.

Fee: \$69.00

Course Title: Evolution
Bio 373 Section 11

Integration of contributions of many bio-
science fields by providing an understanding
of the processes which have brought about
long term changes in living systems. It
surveys evidences of plant and animal evolu-
tion, achievement in evolution theory, and
examines mechanisms responsible for genetic
change. P, Bio 371.

Instructor: Morrill Credits: 3

Schedule: MTWThF, 8:00-10:10 a.m.,
AgH 311, June 6-July 3, 1979.

Fee: \$69.00

Course Title: Internship in Biology
Bio 472 Section 11

A student has an opportunity to become
involved in off-campus activity which pro-
mises to contribute to his/her education. Ac-
ceptance based on availability of field ex-
perience and permission of departmental
staff. P, junior standing.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

● Main Session

Course Title: Genetics
Bio 371 Section 81

Principles governing the nature, transmis-
sion and function of hereditary material with
application to plants, animals, humans, and
microorganisms. P, Bio 151 & 3 hrs Bio-
science.

Instructor: Whalen Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m.,
DM 112, June 6-August 1, 1979.

Course Title: Plant Ecology
Bio 415 Section 81

Descriptions of plant communities, their
dynamics and distribution. Environmental
factors and their relationships with plants.
Field trips. P, Bio 151.

Instructor: Hutcheson Credits: 4

Schedule: TBA, AgH 301, June 6-August
1, 1979.

Course Title: Plant Anatomy
Bio 421 Section 81

Individual instruction of developmental anatomy of seed plant axis and its appendages. Structural fitness of tissues and organs for functions that they perform is stressed.

Instructor: Myers Credits: 3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis
Bio 790 Section 81

Instructor: Chen, McMullen, Myers, Holden Credits: Variable

Schedule: TBA, June 6-August 1, 1979.

Course Title: Biological Research Problems

Bio 793 Section 81
P, Consent of Instructor.

Instructor: Staff Credits: 1-4

Schedule: TBA, June 6-August 1, 1979.

● **July Session**

Course Title: Intro to Biology
Bio 153 Section 21

Modern biology as related to living organisms. Emphasis on the organism, interrelation of organisms. P, Bio 151.

Instructor: Morrill Credits: 3

Schedule: MTWTh, 8:00-9:00 a.m. Lecture; MTWTh, 9:10-11:20 a.m. Lab, AgH 305, July 5-August 1, 1979.

Fee: \$69.00

Course Title: Internship in Biology
Bio 472 Section 21

A student has an opportunity to become involved in off-campus activity which promises to contribute to his/her education. Acceptance based on availability of field experience and permission of departmental staff. P, junior standing.

Instructor: TBA Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Course Title: Field Ecology
Bio 597/697 Section 21

Offered at Black Hills Natural Science Field Station. Principles of ecology as exemplified by the study of environmental interaction of plants and animals, community and ecosystem organization, energy flow, and biogeochemical cycles. Emphasis on field experience. P, Intro Bio.

Instructor: Peterson Credits: 4

Schedule: Every day, all day. July 5-August 1, 1979.

Fee: \$92.00 Ug/\$124.00 Gr

Course Title: Biology and the American Woman
Bio 597/697 Section 22

This course discusses the image of women in American society, the history of the biological basis for women's role in society, the formative years (socially and biologically), the biological basis of sex differences and its effect on social images and career choices. It also develops examples of and reasons for women's entry into and success in fields of science.

Instructor: Gregory Credits: 3

Schedule: MF, 8:00-10:10 a.m., AgE 129E, July 5-August 1, 1979.

Fee: \$69.00 Ug/\$93.00 Gr

Course Title: Biology of Human Sexuality

Bio 597/697 Section 23

That reproduction in humans is sexual implies mating, which usually occurs much more frequently than is necessary to reproduce—a natural phenomenon which satisfies biological based sex drives. This course considers not only the biology of human reproduction but also sexual maturation, pregnancy, birth control and venereal disease.

Instructor: Gregory Credits: 2

Schedule: MTWTh, 10:20 a.m.-12:30 p.m., ASC 129E, July 5-August 1, 1979.

CHEMISTRY

● **Main Session**

Course Title: General Chemistry
Chem 110 Section 81

A one-semester introduction to chemistry. Not intended for those needing extensive chemistry background. Duplicate credit for Chem 100, 110, and 112 not allowed.

Instructor: Rue Credits: 4

Schedule: MTWThF, 10:20-11:20 a.m. Lecture, MW, 1:10-4:30 p.m. Lab, SH 210 Lecture, SH 04 Lab, June 6-August 1, 1979.

Fee: \$92.00

Course Title: Elementary Organic Chemistry

Chem 120 Sections 81 & 82

Compounds of carbon with emphasis on those of interest to students of agriculture, applied science, home economics, and nursing.

P, Chem 110 or 112. Duplicate credit for Chem 120, 222, and 326 not allowed.

Instructor: Brandwein Credits: 3 (Sec. 81)
4 (Sec. 82)

Schedule: MTWThF, 8:00-9:00 a.m. Lecture, MW 1:10-4:30 p.m. Lab, SH 210 Lecture, SH 102 Lab, June 6-August 1, 1979.

Course Title: Elementary Biochemistry
Chem 260 Section 81

Introduction to biochemical processes and the study of compounds or biological interest. P, 120 (4 cr.) or equivalent.

Instructor: Grove Credits: 4

Schedule: MTWThF, 8:00-9:00 a.m. Lecture, TTh 1:10-4:30 p.m. Lab, SH 212 Lecture, SH 208 Lab, June 6-August 1, 1979.

Fee: \$92.00

Course Title: Special Problems
Chem 591/691 Section 81

Research problems in chemistry strongly recommended for senior chemistry majors. P, consent.

Instructor: Staff Credits: 1-4

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis
Chem 790 Section 81

Instructor: Staff

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis Sustaining
Chem 790 Section 82

Instructor: Staff

Schedule: TBA, June 6-August 1, 1979.

CHILD DEVELOPMENT & FAMILY RELATIONS

● **June Session**

Course Title: Individual and the Family

CDFR 141 Section 11

Human development, behavior and relationships. Emphasis on social and emotional fulfilling prophecy, influence of birth order on development, communication and interpersonal relationships will be discussed. Small groups for discussion are used and each student is required to write an indepth-self-analysis. A class designed to help the student

understand who he/she is and what life influences have caused him/her to be that way.

Instructor: James N. Greene Credits: 2

Schedule: T&Th, 7:00-10:00 p.m., plus Sat., June 30, 8:00a.m.-2:00 p.m., PC 117, June 7-July 3, 1979.

Fee: \$46.00

Course Title: Seminar: Families in Crisis

CDFR 502/602 Section 11

Develop a framework for evaluating of crisis events. Understanding of use of family and community resources or coping with crisis and its attendance stress.

Instructor: Richardson Credits: 2

Schedule: MTWTh, 1:00-3:10 p.m., PC 117, June 6-July 3, 1979.

Course Title: Psychodynamics of the Family

CDFR 502/602 Section 12

Study of the dimensions of interpersonal relations within the family and some of the concepts used to understand the different dimension of these relationships.

Instructor: Richardson Credits: 2

Schedule: MTWTh, 8:00-10:10 a.m., PC 117, June 6-July 3, 1979.

● Main Session

Course Title: Human Development and Personality I: Childhood

CDFR 211 Section 81

Knowledge and understanding of human beings through study of development beginning at conception continuing to adolescence. Consideration given to biological growth, social, emotional and intellectual development as it changes behavior and shapes the individual. Observation in Family Life Laboratory. P, Psyc 101.

Instructor: Greene Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., HN 414, June 6-August 1, 1979.

Course Title: Experience in Human Relations

CDFR 271 Sections 81, 82, 83, & 84

By reservation only. Opportunity to more fully understand children as well as oneself and other adults while observing and working with children in Family Life Laboratory. P, 211 with grade of "C".

Instructor: Staff Credits: 3

Schedule: MTWTh & 1 hr. on Fri.

8:00-12:00 & 1:00-4:00 p.m., PC 117, June 6-August 1, 1979.

Course Title: Seminar: Children With Special Needs

CDFR 401 Section 81

Special Offering. See page 8

Course Title: Student Teaching Pre-School Program I

CDFR 472 Sections 81, 82, 83, & 84

By reservation only. Planning and conducting various phases of early childhood programs. Student takes increasing responsibility, finally taking complete charge of the program. Weekly conferences. P, grade of "C" in 211, 271, 362.

Instructor: Staff Credits: 4

Schedule: MTWTh & 1 hr. on Fri. 8:00-12:00 & 1:00-4:00 p.m., TBA, June 6-August 1, 1979.

Course Title: Student Teaching Pre-School Program II

CDFR 473 Sections 81, 82, 83, & 84

By reservation only. Should be taken concurrently with CDFR 472, or in consecutive semester. P, 472.

Instructor: Staff Credits: 4

Schedule: MTWTh & 1 hr. on Fri. 8:00-12:00 & 1:00-4:00, TBA, June 6-August 1, 1979.

● July Session

Course Title: Curricula Development for High School Family Life Education Teachers

CDFR 582/682 Section 21

Special Offering. See page 3

CIVIL ENGINEERING

● Interim Session

Course Title: Elementary Surveying

CE 106 Section 31

Use, adjustment, and care of surveying instruments; analysis of errors in observation. P, Math 120 or 113 and EG 112.

Instructor: Larsen credits: 3

Schedule: MTWThF, 8:00-5:00, CEH 108, May 14-June 1, 1979.

● Main Session

Course Title: Thesis

CE 790

Section 81

Instructor: Staff

Credits: 5-7

Schedule: TBA, June 6-August 1, 1979.

● August Interim

Course Title: Engineering Surveys
CE 208 Section 91

Topographic surveys and topographic mapping elements of photogrammetry, land and construction surveys, principles of curve and earth work calculations and other advanced topics in surveying. P, 106.

Instructor: Larson Credits: 3

Schedule: MTWThF, 8:00-5:00, CEH 108, August 6-August 24, 1979.

COMPUTER SCIENCE

● June Session

Course Title: Special Topics -Computer Fundamentals

CSci 391 Section 11

Information about computers and how to program them using the BASIC programming language. Intended for High School Teachers and other interested persons from all disciplines. Prerequisites are some knowledge of algebra and an interest in computers. Credit for this course and also for CSci 311 not allowed.

Instructor: Lundberg Credits: 3

Schedule: MTWTh, 8:00-11:00 a.m., HH 205, June 6-July 3, 1979.

Fee: \$69.00.

DAIRY SCIENCE

● Main Session

Course Title: Field Experience in Dairy Science

DS 472 Section 81

Practical on-the-job experiences to supplement knowledge gained in the classroom. A written job description and plan of work will be required before the work begins. Emphasis will be on total educational value of the experience for the individual student. Written reports will be submitted to a designated departmental faculty member who will serve as major advisor for the student during the time of the practicum. P, junior standing or permission.

Instructor: Staff Credits: 3-12

Schedule: June 6-August 1, 1979.

Course Title: Special Problems in Dairy Science

DS 490 Section 81

Investigation of problems in dairy production or dairy manufacturing. Results to be submitted as a technical paper. P, junior or senior standing plus consent. Maximum of 3 cr. for B.S. degree.

Instructor: Staff Credits: 1-3
Schedule: TBA, June 6-August 1, 1979.

Course Title: Dairy Science Problems

DS 590/690 Section 81

Investigation of problems in dairy production or dairy manufacturing. Results submitted as a technical paper. P, consent.

Instructor: Staff Credits: 1-3
Schedule: TBA, June 6-August 1, 1979.

Course Title: M.S. Thesis in Dairy Science

DS 790 Section 81

Instructor: Staff Credits: TBA
Schedule: TBA, June 6-August 1, 1979.

Course Title: Ph.D. Thesis in Dairy Science

DS 890 Section 81

Instructor: Staff Credits: TBA
Schedule: TBA, June 6-August 1, 1979.

ECONOMICS

● Main Session

Course Title: Principles of Accounting I

Actg 210 Section 81

Basic accounting cycle; financial statements; asset valuation; accounting controls and concepts, payrolls, payroll taxes and an introduction to the corporate capital accounts. Understanding of fundamental procedure and accounting theory.

Instructor: Rasmussen Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m., DM 208, June 6-August 1, 1979.

Course Title: Personal Finance

BAd 280 Section 81

Survey of individual investment opportunities, including common and preferred stock and corporate bonds; auto, health and life insurance; home ownership; wills and estate planning.

Instructor: Lyons Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., DM 208, June 6-August 1, 1979.

Course Title: Business Finance

BAd 310 Section 81

Special Offering. See page 7

Course Title: Business Law I

BAd 350 Section 81

Survey of judicial system and process, legal aspects of contracts, bailments, personal property, torts and criminal law; emphasis is on South Dakota law.

Instructor: Lyons Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m., RoB, June 6-August 1, 1979.

Course Title: Organization Theory and Management Concepts

BAd 360 Section 81

The process of management, including functions of planning, organizing, directing, controlling, and coordinating. Emphasis is on the business situation, thus other disciplines such as finance and marketing are discussed as they apply to the basic functions. P, junior standing or consent.

Instructor: Felberg Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., DM 208, June 6-August 1, 1979.

Course Title: Principles of Economics I

Econ 201 Section 81

Analysis of U.S. Economy. Money and banking. Federal Reserve policy, national income, government spending, taxation, business fluctuations, and levels of employment and prices. Introduction to supply and demand, business organization, world trade, economic growth, and economic systems.

Instructor: Greenbaum Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., RoB, June 6-August 1, 1979.

Course Title: Principles of Economics II

Econ 202 Section 81

Analysis of price as it allocates resources and distributes income. Theory of firm, supply and demand, economic efficiency, types of competition in markets, marginal productivity and wage determination; public interest in industry, agriculture, labor and individual welfare.

Instructor: Gilbert Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., RoB, June 6-August 1, 1979.

Course Title: Intermediate Microeconomics

Econ 301 Section 81

Scope and method of economic analysis. Pricing process under varying degrees of competitive conditions and role of price in allocation of resources. Introduction to theory of income distribution. P, 202.

Instructor: Kim Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., DM 112, June 6-August 1, 1979.

Course Title: Money and Banking

Econ 330 Section 81

Special Offering. See page 7

Course Title: Special Topics (Income Tax Preparation)

Econ 491 Section 81

Special Offering. See page 7

Course Title: Thesis

Econ 790 Section 81

Instructor: Staff Credits: 1-5

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis Sustaining

Econ 790 Section 82

Instructor: Staff Credits: 1

Schedule: TBA, June 6-August 1, 1979.

EDUCATION

Group Learning Opportunities

● Interim Session

Course Title: Seminar: Adult Learning Theory: Implications for Program Development and Teaching

AHEd 582/682 Section 32

Special Offering. See page 2

● June Session

Course Title: Teaching Agricultural Mechanics

AgEd 454 Section 11

Including shop management, safety, shop plans, selection, care, and use of hand and power tools and equipment, to be taken as part of student teaching block in Agricultural Education. P, senior in Agricultural Education.

Instructor: Kelley Credits: 2(1.3)

Schedule: MTWTh, 8:00-10:10 a.m., AE 131B, June 6-July 3, 1979.

Course Title: Seminar in Agricultural Education

AgEd 505/605 Section 11

Specific problems dealing with instruction in vocational agriculture, project work, course of study, farm enterprise analysis, local survey. Reading and problem work. P, 434, 404, 475.

Instructor: Hanson Credits: 2

Schedule: MTWTh, 1:10-3:20 p.m., HN 363, June 6-July 3, 1979.

Course Title: Supervised Occupational Experiences and Student Groups in Agricultural Education

AgEd 707 Section 11

Emphasizes needs, scope, and techniques in building supervised work experience in agriculture and Future Farmer programs. P, Graduate student in Agricultural Education.

Instructor: Gadda Credits: 2

Schedule: MTWTh, 9:10-11:20 a.m., HN 363, June 6-July 3, 1979.

Course Title: Elementary School Guidance

CGPS 503/603 Section 11

The principles of guidance and their application at the elementary level. Emphasis is on the function of the counselor in meeting children's need. The nature of guidance and of the guidance services in elementary education. P, consent of instructor.

Instructor: Lindstrom Credits: 3

Schedule: MTWThF, 2:20-4:30 p.m., HN 157, June 6-July 3, 1979.

Course Title: Learning Disorders of Children

CGPS 530/630 Section 11

Overview of various learning deficits, remedial procedures, and consideration of psychological assessments.

Instructor: Skidmore Credits: 3

Schedule: MTWThF, 12:00-2:10 p.m., RoF, June 6-July 3, 1979.

Course Title: Appraisal of the Individual

CGPS 736 Section 11

Techniques for discovering characteristics of individual students. Students will develop competencies in the use of cumulative records, case study procedures, sociometric devices, and other non-standard test instruments. Recording, analyzing, compiling, and interpreting data as they relate to counseling. A synthesis of information about students.

Instructor: Vanderpan Credits: 2

Schedule: MTWTh, 8:00-10:10 a.m., SoH 207, June 6-July 3, 1979.

Course Title: Group Counseling

CGPS 766 Section 11

Purpose and methods of group as applied to a sound guidance program. Concentration on group processes. Theoretical basis for group work in guidance, orientation activities, classroom instruction, educational and vocational planning, and group guidance. P, consent of instructor. Limited to advanced CG majors.

Instructor: Vanderpan Credits: 2

Schedule: First meeting June 6, 8:00 a.m., PC 202, June 6-July 3, 1979.

Course Title: School Law

EdAd 735 Section 11

Legal character of public schools; legal powers of school boards, administrators, and teachers; legal aspects of parent-child-school relationships. Emphasis will be placed on South Dakota school law.

Instructor: Scholten Credits: 3

Schedule: MTWThF, 12:00-2:10 p.m., RoC, June 6-July 3, 1979.

Course Title: Mental Health and Personality Development

EPsy 551/651 Section 11

Nature of personality; mental and emotional health and recognition of deviations in children and adults. Emphasis on mental health problems and positive program for personal mental health.

Instructor: Foreman Credits: 3

Schedule: MTWThF, 9:10-11:20 a.m., RoC, June 6-July 3, 1979.

Course Title: Practicum and Professional Laboratory

SeEd 287 Section 11

Desirable classroom practices; observation in elementary, junior, senior high schools; identification and correction of deficiencies in basic competencies prior to advanced standing in teacher education.

Instructor: Widvey Credits: 2

Schedule: MTWTh, 8:00-10:10 a.m., RoG, June 6-July 3, 1979.

Course Title: Humanistic Approaches to Teacher Effectiveness

SeEd 508/608 Section 11

Special Offering. See page 4

Course Title: Questioning as a Teaching Strategy

SeEd 582/682 Section 15

Special Offering. See page 4

Course Title: Education Seminar for Psychology Teachers

SeEd 582/682 Section 18

Special Offering. See page 3

Course Title: Update on Teaching Strategies

SeEd 598/698 Section 11

Special Offering. See page 3

Course Title: Diagnosis and Remediation of Reading Problems

SeEd 753 Section 11

Special Offering. See page 4

Course Title: Development of Vocational Education-Thought & Practice

VTTE 525/625 Section 11

Emphasis on philosophy, origins, and development of vocational, technical and practical arts, education programs at adult, post-secondary, secondary and pre-vocational levels. Current and emerging principles, practices and issues are stressed. P, senior in Education.

Instructor: Gadda Credits: 3

Schedule: MTWThF, 1:10-3:20 p.m., HN 157, June 6-July 3, 1979.

● **Main Session**

Course Title: Theories of Counseling

CGPS 561/661 Section 81

Theories, methods, and application of the counseling processes at all levels. P, consent of instructor.

Instructor: Schmieding Credits: 3

Schedule: MTWThF, 8:00-9:00, SoH 202, June 6-August 1, 1979.

Course Title: Administration and Operation of Guidance & Personnel Services

CGPS 713 Section 81

Principles of guidance: organizing school guidance program, tests and testing; guidance library and materials; interviewing and counseling. For those seeking administrative certificate.

Instructor: Lindstrom Credits: 3

Schedule: MTWThF, 12:00-1:00 p.m.,
HN 127, June 6-August 1, 1979.

**Course Title: Career Education
and Occupational Information**
CGPS 742 Section 81

Using, reviewing, and evaluating occupational information. Sources and types of materials and occupational filing plans. Securing occupational information.

Instructor: Smith Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m.,
SoH 202, June 6-August 1, 1979.

**Course Title: Counseling
Laboratory and Supervised Prac-
ticum**
CGPS 787 Section 81

Counseling interviews and activities under supervision of one or more members of university staff will be conducted in counseling laboratory and field. A minimum of 25 clock hours actual counseling time required and 30 counseling tapes. Limited to advanced graduate majors in guidance and counseling and consent of instructor.

Instructor: Schmieding Credits: 3-5

Schedule: TBA, June 6-August 1, 1979.

**Course Title: Counseling
Laboratory and Supervised Prac-
ticum**
CGPS 787 Section 82

Counseling interviews and activities under supervision of one or more members of university staff will be conducted in counseling laboratory and field. A minimum of 25 clock hours actual counseling time required and 30 counseling tapes. Limited to advanced graduate majors in guidance and counseling and consent of instructor.

Instructor: Schmieding Credits: 3-5

Schedule: TBA, June 6-August 1, 1979.

**Course Title: Public School Ad-
ministration**
EdAd 700 Section 81

Organization and services of school systems in state, county, and local districts. Constitutional and statutory provisions. Work and responsibilities of State Board of Education, State Department of Public Instruction, County and Local Boards, and of superintendents and principals. Some attention of financial matters.

Instructor: Fine Credits: 3

Schedule: MTWThF, 2:20-3:20 p.m., HN
127, June 6-August 1, 1979.

**Course Title: Elementary and
Secondary School Supervision**
EdAd 715 Section 81

The nature of supervision, evaluation and instruction and teacher performance. Techniques, plans and procedures for improving the course of study and instruction in the public schools.

Instructor: Jensen Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m.,
RoF, June 6-August 1, 1979.

**Course Title: Introduction to
Graduate Studies**
EdEr 761 Section 81

Main objectives are (a) understanding standard and new research procedures in education (b) acquaintance with up-to-date research on present-day educational problems (c) understanding and using evaluation standards for education research. Required of most graduates majors in education. P, Ed 613 or equivalent.

Instructor: Edeburn Credits: 3

Schedule: MTWThF, 6:50-7:50 a.m., HN
127, June 6-August 1, 1979.

**Course Title: Introduction to
American Education**
EdFn 339 Section 81

Historical, philosophical, and sociological backgrounds for education in America. Aims and functions of American education. Organization and administration on federal, state and local levels in America. Teaching as a profession. An overview of education in American Society for classroom teachers. P, Psyc 101, junior standing.

Instructor: Edeburn Credits: 2

Schedule: MTWTh, 10:20-11:20 a.m.,
HN 127, June 6-August 1, 1979.

**Course Title: Educational
Psychology**
EPsy 302 Section 81

Nature of the learner, physical, emotional, mental, social growth and development, nature of learning in man, learning theories, learning curves, retention, memory, individual differences, transfer of training and rates and limits of improving learning. Required for certification. P, junior standing, Psyc 101.

Instructor: Foreman Credits: 2

Schedule: MTWTh, 1:10-2:10 p.m., HN
127, June 6-August 1, 1979.

Course Title: Teaching of Reading
SeEd 450 Section 81

The improvement of reading, designed to

assist all teachers; diagnosis of difficulties and remedial methods; developmental programs; analysis of current practices and programs; and methods and materials of instruction.

Instructor: Staff Credits: 3

Schedule: MTWThF, 12:00-1:00 p.m.,
HN 157, June 6-August 1, 1979.

**Course Title: Secondary School
Curriculum**
SeEd 540/640 Section 81

Nature and principles of curriculum in secondary schools. Newer trends and modern curriculum development procedures.

Instructor: Widvey Credits: 2

Schedule: MTWTh, 10:20-11:20 a.m.,
HN 157, June 6-August 1, 1979.

● **July Session**

**Course Title: Workshop in Farm
Management Education**
AgEd 505/605 Section 22

Special Offering. See Page 3

**Course Title: Principles of
Guidance**
CGPS 410 Section 21

Developing basic human relations and helping skills; self-awareness and self-examination of the interpersonal communications process; emphasis on understanding self and understanding others.

Instructor: Vanderpan Credits: 2

Schedule: MTWTh, 8:00-10:10 a.m.,
SOH 207, July 5-August 1, 1979.

**Course Title: The Exceptional
Child**
CGPS 500/600 Section 21

Critical consideration of physical, social, emotional, and intellectual qualities which characterize children who deviate from normal to such an extent as to require special educational consideration. Special attention given to study of desirable provisions in educational program of gifted children.

Instructor: Skidmore Credits: 3

Schedule: MTWThF, 12:00-2:10 p.m.,
RO C, July 5-August 1, 1979.

Course Title: Foundations of Guidance and Personnel Services

CGPS 510/610 Section 21

Purpose and scope including meaning, philosophy and concepts, basic elements of service, developing human relations skills, personnel involved in organization and evaluation of guidance programs.

Instructor: Vanderpan Credits: 2

Schedule: MTWTh, 8:00-10:10 a.m., SOH 207, July 5-August 1, 1979.

Course Title: Organization and Administration of Elementary Education

EdAd 710 Section 21

Principles and modern practices of organizing and administering work of elementary schools. Required by State Department of Public Instruction of school superintendents and elementary school principals.

Instructor: Staff Credits: 2

Schedule: MTWTh, 9:10-11:20 a.m., HN 363, July 5-August 1, 1979.

Course Title: School Finance

EdAd 730 Section 21

Financing the operation of public schools; national, state, and local sources of support. Sources of revenue. Financing school building construction. Investment of surplus funds. Federal aid to education programs.

Instructor: Fine Credits: 2

Schedule: MTWTh, 12:00-2:10 p.m., RO F, July 5-August, 1979.

Course Title: Group Testing

EdEr 511/611 Section 21

Study of theory and principles of construction and use of standardized measuring instruments used in educational and vocational evaluation. Practice in administration and scoring. Emphasis in choosing appropriate tests and in interpretation of results. P, consent of instructor.

Instructor: Smith Credits: 3

Schedule: MTWThF, 2:20-4:30 p.m., HN 125, July 5-August 1, 1979.

Course Title: Elementary School Curriculum

EIEd 573/673 Section 21

Nature, principles of curriculum. Trends and modern curriculum development procedures.

Instructor: Widvey

Credits: 2

Schedule: MTWTh, 12:00-2:10 p.m., RO G, July 5-August 1, 1979.

Course Title: Adolescent Psychology

EPsy 523/623 Section 21

Physical, social, emotional, intellectual and vocational aspects of adolescent development. Emphasis is upon increasing understanding of adolescents and their problems.

Instructor: Reifschneider Credits: 3

Schedule: MTWThF, 9:10-11:20 a.m., RO G, July 5-August 1, 1979.

Course Title: Curriculum Materials (K-12) in Civic-Legal-Moral Education

SeEd 582/682 Section 27

Special Offering. See page 3

Course Title: Motivation Discipline

SeEd 599/699 Section 21

Special Offering. See Page 3

Course Title: Administration and Supervision of Vocational Education

VTTE 731 Section 21

Organization, administration of vocational-technical education and the practical arts at all levels. Local-state-federal relationships in administration and supervision. State plan development, reimbursement plans and procedures, projected activities and program standards. Principles of effective supervision and evaluation applicable to vocational-technical education. Consent of instructor.

Instructor: Hanson Credits: 3

Schedule: MTWThF, 8:00-10:10 a.m., HN 127, July 5-August 1, 1979.

INDEPENDENT LEARNING OPPORTUNITIES

● Interim Session

Course Title: Special Problems in Extension

AHEd 500/600 Section 31

Individually assigned investigative problems in Extension. Individual conference with laboratory and/or field work. Arrangements with Extension staff must be made prior to registration.

Instructor: Scholten Credits: 2-6

Schedule: TBA, May 14-June 1, 1979.

Course Title: Seminar in Adult and Continuing Education

AHEd 582/682 Section 31

Review of scientific investigations of problems of education. Problems for investigation and research assigned to students. P, open to seniors and graduate students in education by permission of instructor.

Instructor: Scholten Credits: 1-3

Schedule: TBA, May 14-June 1, 1979.

Course Title: Problems in Adult Continuing Education

AHEd 591/691 Section 31

Selected studies to meet needs of advanced students. P, senior standing, for seniors and graduate students desiring to do individual studies. Limited to 3 credits in graduate program. Consent of instructor.

Instructor: Scholten Credits: 1-3

Schedule: TBA, May 14-June 1, 1979.

Course Title: Problems in Educational Administration

EdAd 795 Section 31

Selected studies to meet needs of advanced students. P, consent of instructor. Limited to 3 credits in graduate program.

Instructor: Staff Credits: 1-3

Schedule: TBA, May 14-June 1, 1979.

Course Title: Problems in Education

SeEd 591/691 Section 31

Selected studies to meet needs of advanced students. P, senior standing, for seniors and graduate students desiring to do individual studies. Limited to 3 credits in graduate program. Consent of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, May 14-June 1, 1979.

● June Session

Course Title: Summer Experience in Agricultural Education

AgEd 470 Section 11

Recommended for all Agricultural Education Majors. Option A: An intern experience in observing and assisting a qualified experienced vocational agriculture instructor in an approved vocation agriculture department. P, junior or senior in Agricultural Education.

Option B: A cooperative supervised occupational experience in an off-farm agricultural occupation in which the student wishes to

gain occupational experience. P, junior or senior in Agricultural Education. GPA 2.0

Instructor: Hanson Credits: 1-2

Schedule: TBA, June 6-July 3, 1979.

Course Title: Research Problems in Agricultural Education

AgEd 792 Section 11

Individual work. Problem selected, analyzed and data gathered and tested statistically. Reported in approved form. Consent of instructor.

Instructor: Staff Credits: 2

Schedule: TBA, June 6-July 3, 1979.

Course Title: Field Practice Training in Extension

AHed 400 Section 11

Available to a limited number of students majoring in agriculture or home economics who are interested in Extension work and have completed the junior year. Students will be assigned to a county during the summer for a period of time based upon the convenience of the student.

Instructor: Scholten Credits: 2-5

Schedule: TBA, June 6-July 3, 1979.

Course Title: Special Problems in Extension

AHed 500/600 Section 11

Individually assigned investigative problems in Extension. Individual conference with laboratory and/or field work. Arrangements with Extension staff must be made prior to registration.

Instructor: Scholten Credits: 2-6

Schedule: TBA, June 6-July 3, 1979.

Course Title: Seminar in Adult and Continuing Education

AHed 582/682 Section 11

Review of scientific investigations of problems of education. Problems for investigation and research assigned to students. P, open to seniors and graduate students in education by permission of instructor.

Instructor: Scholten Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Problems in Adult and Continuing Education

AHed 591/691 Section 11

Selected studies to meet needs of advanced students. P, senior standing, for seniors and

graduate students desiring to do individual studies. Limited to 3 credits in graduate program. Consent of instructor.

Instructor: Scholten Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Seminar

CGPS 592/692 Section 11

Major emphasis of research studies and evaluation of guidance and counseling theory and practice. Students will investigate specific problems determined in part by needs, deficiency and interest of guidance.

Instructor: Staff Credits: 1

Course Title: Special Problems in Counseling and Guidance

CGPS 791 Section 11

Directed reading and research in selected individual guidance and counseling problems. Designed to meet needs of graduate students in guidance and counseling.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Seminar

EdAd 782 Section 11

Review of scientific investigations of problems of administration. Problems for investigation and research assigned. P, consent of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Problems in Educational Administration

EdAd 795 Section 11

Selected studies to meet needs of advanced students. P, consent of instructor. Limited to 3 credits in graduate program.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Problems in Education

SeEd 492 Section 11

Selected studies and activities to meet the needs of undergraduate students.

Instructor: Staff credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Educational Seminar

SeEd 592/682 Section 11

Review of scientific investigation of problems of education. Problems for investigation and research assigned to students. P, open to seniors and graduate students in education by permission of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Problems in Education

SeEd 591/691 Section 11

Selected studies to meet needs of advanced students. P, senior standing, for seniors and graduate students desiring to do individual studies. Limited to 3 credits in graduate program. Consent of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

• Main Session

Course Title: Internship in Counseling

CGPS Section 81

Practical experience in a counseling and guidance setting.

Instructor: Vanderpan Credits: 1-6

Schedule: TBA, June 6-August 1, 1979.

Course Title: Research Project in Guidance and Counseling

CGPS 796 Section 81

Individual work. Problem selected, analyzed, data gathered and tested statistically. Reported in appropriate research form. Required of all graduate students in Guidance and Counseling qualifying for Master of Education degree under Option "A". P, consent of instructor.

Instructor: Staff Credits: 2

Schedule: TBA, June 6-August 1, 1979.

Course Title: Internship

EdAd 789 Section 81

On-job participation in administration or working with administrative tasks in public schools under supervision of local school administrator and a staff member from Division of Education.

Instructor: Scholten Credits: 1-6

Schedule: TBA, June 6-August 1, 1979.

Course Title: Research Problems in Educational Administration

EdAd 792 Section 81

Individual work. Problems selected, analyzed, data gathered and tested statistically. Reported in approved research form. Required of all graduate students in educational administration qualifying for master of Education degree under Option "A". P, consent of instructor.

Instructor: Staff Credits: 2

Schedule: TBA, June 6-August 1, 1979.

Course Title: Internship

SeEd 789 Section 81

On-the-job participation in teaching in the public schools under the supervision of a local school instructor and a staff member from the Department of Education.

Instructor: Scholten Credits: 1-6

Schedule: TBA, June 6-August 1, 1979.

Course Title: Research Problems in Education

SeEd 792 Section 81

Individual work. Problem selected, analyzed, data gathered and tested statistically. Reported in appropriate research form. Required of all graduate students in Education qualifying for Master of Education degree under Option "A". P, consent of instructor.

Instructor: Staff Credits: 2

Schedule: TBA, June 6-August 1, 1979.

● **July Session**

Course Title: Summer Experience in Agricultural Education

AgEd 470 Section 21

Recommended for all AgEd majors. Option A: An intern experience in observing and assisting a qualified experienced vocational agriculture instructor in an approved vocational agriculture department. P, junior or senior in Agricultural Education. Option B: A cooperative supervised occupational experience in an off-farm agricultural occupation in which the student wishes to gain occupational experience. P, junior or senior in Agricultural Education. GPA 2.0.

Instructor: Hanson Credits: 1-2

Schedule: TBA, July 5-August 1, 1979.

Course Title: Problems in Agricultural Education

AgEd 506606 Section 21

Selected studies to meet needs of advanced

students. P, senior standing, for seniors and graduate students desiring to do individual studies. Limited to 3 credits in graduate program. Consent.

Instructor: Gadda Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Course Title: Research Problems in Agricultural Education

AgEd 792 Section 21

Individual work. Problem selected, analyzed and data gathered and tested statistically. Reported in approved form. Consent of instructor.

Instructor: Gadda Credits: 2

Schedule: TBA, July 5-August 1, 1979.

Course Title: Field Practice Training in Extension

AHED 400 Section 21

Available to a limited number of majors in agriculture or home economics interested in Extension work who have completed the junior year. Students will be assigned to a county during the summer for a period of time at the student's convenience.

Instructor: Scholten Credits: 2-5

Schedule: TBA, July 5-August 1, 1979.

Course Title: Problems in Extension

AHED 500/600 Section 21

Individually assigned investigative problems in Extension. Individual conference with laboratory and/or field work. Arrangements with Extension staff must be made prior to registration.

Instructor: Scholten Credits: 2-6

Schedule: TBA, July 5-August 1, 1979.

Course Title: Seminar in Adult and Continuing Education

AHED 582/682 Section 21

Review of scientific investigations of problems of education. Problems for investigation and research assigned to students. P, open to seniors and graduate students in education by permission of instructor.

Instructor: Scholten Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Course Title: Problems in Adult and Continuing Education

AHED 591/691 Section 21

Selected studies to meet needs of advanced

students. P, senior standing, for seniors and graduate students desiring to do individual studies. Limited to 3 credits in graduate program. Consent of instructor.

Instructor: Scholten Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Course Title: Special Problems in Guidance and Counseling

CGPS 791 Section 21

Directed reading and research in selected individual guidance and counseling problems. Designed to meet needs of graduate students in guidance and counseling.

Instructor: Staff Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Course Title: Seminar

CGPS 792 Section 21

Major emphasis on research studies and evaluation of guidance and counseling theory and practice. Students will investigate specific problems determined in part by needs, deficiency and interest of guidance.

Instructor: Staff Credits: 1

Schedule: TBA, July 5-August 1, 1979.

Course Title: Seminar

EdAd 782 Section 21

Review of scientific investigations of problems of administration. Problems for investigation and research assigned. P, consent of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Problems in Educational Administration

EdAd 795 Section 21

Selected studies to meet needs of advanced students. P, consent of instructor. Limited to 3 credits in graduate program.

Instructor: Staff Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Course Title: Problems in Education

SeEd 492 Section 21

Selected studies and activities to meet the needs of undergraduate students.

Instructor: Staff Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Course Title: Education Seminar
SeEd 582/682 Section 21

Review of scientific investigations of problems of education. Problems for investigation and research assigned to students. P, open to seniors and graduate students in education by permission of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

Course Title: Problems in Education

SeEd 591/691 Section 21

Selected studies to meet needs of advanced students. P, senior standing, for seniors and graduate students desiring to do individual studies. Limited to 3 credits in graduate program. Consent of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, July 5-August 1, 1979.

ELECTRICAL ENGINEERING

• Main Session

Course Title: Special Topics in Electrical Engineering

EE 557/657 Section 81

Special topics in the field of Electrical Engineering are included. P, consent of department head.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Problems in Electrical Engineering

EE 590/690 Section 81

Special problem assigned in the field of electrical engineering. P, consent of department head.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis in Electrical Engineering

EE 790 Section 81

Instructor: Staff Credits: 5-7

Schedule: TBA, June 6-August 1, 1979.

ENGINEERING MECHANICS

• Main Session

Course Title: Statics

EM 221 Section 81

Vector algebra, forces, moments, couples; principles of statics, resultant and

equilibrium of force systems, free body diagrams, centroids; analysis of statically determinate states of equilibrium. P, Math 123, Phys 211 or consent.

Instructor: Staff Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., CEH 114, June 6-August 1, 1979.

Course Title: Dynamics

EM 222 Section 81

Vectorial Kinematics and Kinetics; absolute and relative motion, force-mass-acceleration relations, potential and kinetic energy, work, and power, impulse, momentum, conservation of energy and momentum. Application to particles, particle systems and rigid bodies. Free vibrations of single-degree-of-freedom systems. P, EM 221.

Instructor: Staff Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., CEH 219, June 6-August 1, 1979.

Course Title: Mechanics of Materials

EM 321 Section 81

Two dimensional analysis of stress and strain, principal stresses. Mohr's circle; stresses in members subjected to centric, torsional and flexural loadings; deflections of beams. P, EM 221.

Instructor: Staff Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., CEH 114, June 6-August 1, 1979.

Course Title: Fluid Mechanics

EM 331 Section 81

Fluid properties, statics and dynamics of real and ideal fluids; continuity and Navier-Stokes equations applied to laminar and turbulent incompressible flows, boundary layer analysis. Introduction to compressible flow. P, EM 222, Math 321.

Instructor: Staff Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., CEH 219, June 6-August 1, 1979.

ENGINEERING SHOPS

• Interim Session

Course Title: Machine Shop

ES 121 Section 31

Use of machine tools in industry, principles of operation, production methods and related equipment. Introduction to jigs and fixtures.

Instructor: Wakeman Credits: 2

Schedule: MTWTh, 1:30-4:20 p.m., SoH 107, May 14-June 1, 1979.

• June Session

Course Title: Welding

ES 131 Section 11

Lectures, demonstrations and exercises. Gas and arc welding, cutting, heat treatment, spot welding and related information.

Instructor: Svec Credits: 2

Schedule: MTWTh, 1:30-4:20 p.m., SoH 014, June 6-July 3, 1979.

ENGLISH

• Interim Session

Course Title: Special Studies in Composition Literature: Juvenile Literature

Engl 597/697 Section 31

A survey of writings for young readers, with emphasis on qualities that distinguish children's literature of lasting value and appeal.

Instructor: Veglahn Credits: 3

Schedule: MTWTh, 9:00-11:30 a.m., HN 253, May 14-June 1, 1979.

• June Session

Course Title: Seminar in American Indian Literature

Engl 592/692 Section 11

Literature and culture of the Sioux with focus on the legends and stories.

Instructor: Marken Credits: 3

Schedule: MTWThF, 8:00-10:00 a.m., HN 253, June 6-July 3, 1979.

Course Title: Seminar in English Literature: Pope and Byron

Engl 593/693 Section 11

Selected works by Pope and Byron.

Instructor: Yarbrough Credits: 3

Schedule: MTWThF, 10:20 a.m.-12:20 p.m., HN 253, June 6-July 3, 1979.

• Main Session

Course Title: Freshman Composition

Engl 101 Section 81

Training in efficient, accurate reading and effective writing-includes grammar, usage, etc.

Instructor: Evans, E. Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., HN 110, June 6-August 1, 1979.

Fee: \$69.00

Course Title: Introduction to Literature

Engl 218 Sections 81,82

Principle literary types—drama, fiction, and poetry—to acquaint students with aesthetic form and critical sense.

Section 81:

Instructor: Evans, E. Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., HN 110, June 6-August 1, 1979.

Section 82:

Instructor: Evans, D. Credits: 3

Schedule: MTWThF, 11:30 a.m.-12:30 p.m., HN 110, June 6-August 1, 1979.

Course Title: Literature of the American West

Engl 256 Section 81

Attention given to various attitudes toward the West expressed in literature.

Instructor: Woodard Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m., HN 110, June 6-August 1, 1979.

Course Title: Junior Composition
Engl 300 Sections 81, 82, 83, 84, 85

Advanced Course in clear, effective, logical prose reading and writing. P, 101 or 191 and junior standing.

Section 81:

Instructor: Staff Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., HN 157, June 6-August 1, 1979.

Fee: \$69.00.

Section 82:

Instructor: Staff Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m., HN 157, June 6-August 1, 1979.

Fee: \$69.00

Section 83:

Instructor: Evans, D. Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., HN 125, June 6-August 1, 1979.

Fee: \$69.00

Section: 84:

Instructor: Witherington Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., Ad 322, June 6-August 1, 1979.

Fee: \$69.00

Section 85:

Instructor: Williams Credits: 3

Schedule: MTWThF, 11:30 a.m.-12:30 p.m., HN 125, June 6-August 1, 1979.

Fee: \$69.00

Course Title: Advanced Exposition (Technical Writing)

Engl 303 Section 81

Study of and practice in writing of a technical nature. P, 6 hours of composition or permission.

Instructor: Woodard Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., CEH 213, June 6-August 1, 1979.

Fee: \$69.00

Course Title: Seminar in English Literature

Engl 593/693 Section 81

Selected works by Graham Greene.

Instructor: Williams Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., SoH 105, June 6-August 1, 1979.

Course Title: Seminar in American Literature: Male Myth

Engl 594/694 Section 81

Special Offering. See page 10

Course Title: Special Topics in Entomology

Ent 491 Section 81

Qualified students may investigate special topics under supervision of department staff in the following and other selected areas: Acarology, Principles of Insect Taxonomy. Permission of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Topics in Entomology

Ent 591/691 Section 81

Graduate students may conduct advanced research studies or investigate special areas other than those of a strictly taxonomic nature. Permission of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis in Entomology
Ent 790 Section 81

Instructor: Staff Credits: 5-7

Schedule: TBA, June 6-August 1, 1979.

FOREIGN LANGUAGES

● Interim Session

Course Title: Living and Study Abroad

MFL 395 Section 31

Special Offering. See page 6

● June Session

Course Title: The New Testament Era: Elementary Greek and Graeco-Roman History and Religion

MFL 394 Section 11

Special Offering. See page 9 (Hist 396)

Course Title: Scandinavian Summer Studies Special: Norwegian Language and Culture (Undergraduate Course Special)

MFL 394 Section 12

Special Offering. See page 6

Course Title: Second Year Spanish
Span 201 Section 11

Reading from the works of well-known authors, practice in conversing and writing in Spanish. Classwork supplemented with foreign language laboratory. P, Span 101-102.

Instructor: Bates Credits: 3

Schedule: MTWThF, 9:10-11:20 a.m., SH 212, Dial Access—Lab, June 6-July 3, 1979.

Course Title: Directed Study in Spanish

Span 490 Section 11

Readings and Discussions in Spanish as directed by the instructor. May be repeated for credit. P, two years of the language and/or consent.

Instructor: Bates Credits: 1-3

Schedule: TBA, HN 121A, June 6-July 3, 1979.

● Main Session

Course Title: Latin American Culture
MFL 394 Section 83
Special Offering. See page 9

Course Title: Living and Study Abroad Program
MFL 395 Section 82
Special Offering. See page 6

● July Session

Course Title: Second Year Spanish Span 202 Section 21
Reading from the works of well-known authors, practice in conversing and writing in Spanish. Classwork supplemented with foreign language laboratory. P, Span 201.

Instructor: Bates Credits: 3

Schedule: MTWThF, 9:10-11:20 a.m., HN 159, Dial Access—Lab, July 5-August 1, 1979.

Course Title: Directed Study in Spanish Span 490 Section 21
Readings and discussions in Spanish as directed by the instructor. May be repeated for credit. P, two years of the language and/or consent.

Instructor: Bates Credits: 1-3

Schedule: TBA, HN 121A, July 5-August 1, 1979.

GENERAL ENGINEERING

● Interim Session

Course Title: Special Problems GE 290 Section 31
P, consent.

Instructor: Skubic Credits: 1-3

Schedule: TBA, May 14-June 1, 1979.

● Main Session

Course Title: Special Problems (Engineering Graphics) GE 290 Section 81
Chosen by student for individualized study or investigation.

Instructor: Skubic Credits: 1-3

Schedule: TBA, First meeting Thursday, June 7, at 1:30 p.m., CEH 201, June 6-August 1, 1979.

GEOGRAPHY

● Interim Session

Course Title: Field Experience: Northwestern USA Geog 380 Section 31
Special Offering. See page 6

Course Title: Special Problems: Death and Dying Geog 390 Section 31
Special Offering. See page 9

● June Session

Course Title: Special: Introduction to Geographic Techniques Geog 396 Section 11
Special Offering. See page 9

● Main Session

Course Title: Physical Geography I Geog 131 Section 81
The earth in terms of its basic physical state. Location, navigation, geodesy, astrogeography, weather and climate are stressed. A Natural Science Laboratory Science.

Instructor: Sandness Credits: 4

Schedule: MTWTh, 9:10-10:50 a.m., Ad 301, June 6-August 1, 1979.

Course Title: The Earth's Landforms Geog 339 Section 81
Special Offering. See page 41

Course Title: Cartography Geog 383 Section 81
History and principles of cartography with emphasis on field mapping, map projections, cartographic design, map interpretations, and exercises in map making.

Instructor: Opheim Credits: 3

Schedule: TTh, 7:00-9:30 p.m., Sco 030, June 6-August 1, 1979.

Fee: \$69.00

Course Title: Special Problems in Geography Geog 390 Section 81

Opportunity for qualified students to investigate special problems or carry out independent study under supervision of department staff. Variable credit, may be repeated for up to 12 credits. P, Soph, Jr, or Sr standing and/or consent.

Instructor: Staff

Credits: 1-4

Schedule: TBA, Sco 232, June 6-August 1, 1979.

Course Title: Arts and Science Special: Geography of the Brookings Area Geog 396 Section 81
Special Offering. See page 9

Course Title: Field Experience and Internship Geog 480 Section 81

A student who has the opportunity to become involved in an off-campus activity which promises to contribute significantly to his/her education, may enroll for and receive between 1 and 6 credits at a maximum rate of one credit per week.

Instructor: Hogan

Credits: 1-6

Schedule: TBA, June 6-August 1, 1979.

Course Title: Remote Sensing Geog 484 Section 82
Special Offering. See page 41

Course Title: Certificate in Modern Earth Resources Investigation Techniques (MERIT)
Special Offering. See page 8

Course Title: Remote Sensing Geog 484 Section 81

Applications of remote sensing. Emphasis is placed on development of remote sensing; instrumentation and techniques and methodology that will aid in the determination of need and proper utilization of our physical and cultural resources.

Instructor: Weinkauff

Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m., Sco 030, June 6-August 1, 1979.

Course Title: Computer Mapping Geog 486 Section 81

Use of computer mapping as a tool in the preparation of maps or diagrams and in geographical analysis of maps and diagrams. Will include consideration of various mapping programs including SYMAP. P, Algebra course and Geog. 383, or consent.

Instructor: Sandness

Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., Sco 030, June 6-August 1, 1979.

Course Title: Seminar in
Systematic Geography: Urban Ap-
plications of Aerial Photography
Geog 506/606 Section 81
Special Offering. See page 9

Course Title: Thesis in Geography:
MS
Geog 790 Section 81

Instructor: Staff Credits: 1-6

Schedule: TBA, Sco 232, June 6-August 1,
1979.

Course Title: Thesis in Geography:
MS Sustaining
Geog 790 Section 82

Instructor: Staff Credits: 1

Schedule: TBA, Sco 232, June 6-August 1,
1979.

Course Title: Special Problems
Geog 792 Section 81

Instructor: Hogan Credits: 1-4

Schedule: TBA, Sco 232, June 6-August 1,
1979.

HEALTH, PHYSICAL EDUCATION AND RECREATION

● Interim Session

Course Title: Water Safety Instruc-
tors Workshop
HPER 581/681 Section 31
Special Offering See page 4

Course Title: Tennis Camp
PE 581/681 Section 32
Special Offering. See page 4

● June Session

Course Title: Competitive Swimm-
ing and Diving Camp
HPER 581/681 Section 11
Special Offering. See page 4

Course Title: Gymnastics Camp
PE 581/681 Section 12
Special Offering. See page 4

Course Title: Wrestling Camp

PE 581/681 Section 13
Special Offering. See page 4

Course Title: Sportswriting Camp
PE 581/681 Section 14
Special Offering. See page 4

Course Title: Cheerleading Camp
PE 581/681 Section 15
Special Offering. See page 5

Course Title: Boy's Basketball
Camp
PE 581/681 Section 16
Special Offering. See page 5

Course Title: Girl's Basketball
Camp
PE 581/681 Section 17
Special Offering. See page 5

Course Title: Outdoor Recreation
Education Workshop
PE 581/681 Section 18
Special Offering. See page 5

Course Title: Emergency Medical
Care Workshop
PE 581/681 Section 19
Special Offering. See page 5

● July Session

Course Title: Volleyball Camp
PE 581/681 Section 21
Special Offering. See page 5

Course Title: Football Camp
PE 581/681 Section 22
Special Offering. See page 5

Course Title: American Drill Team
School
PE 581/681 Section 23
Special Offering. See page 5

Course Title: Cross Country Camp
PE 581/681 Section 24
Special Offering. See page 5

Course Title: Athletic Training
Camp
PE 581/681 Section 25
Special Offering. See page 5

● Interim Session

Course Title: Sioux River Canoe
Exploration
Recr 581/681 Section 31
Special Offering. See page 6

● June Session

Course Title: Philosophy of HPER
HPER 741 Section 11

Discussion and analysis of major
philosophic contributions to physical educa-
tion. Formation and evaluation of one's
belief concerning physical education. P,
graduate standing, permission of staff.

Instructors:
Marshall, Williamson Credits: 3

Schedule: MTWTh, TBA, 8:00-10:00
a.m., PEC 274, June 6-July 3, 1979.

Course Title: Thesis in HPER
HPER 790 Section 11

Instructor: Staff Credits: 5-7

Schedule: TBA, June 6-July 3, 1979.

Course Title: Independent
Research and Study in HPER
HPER 792 Section 11

Special problems by individuals. Results of
study presented in special reports and term
papers. P, major in this field.

Instructor: Hattlestad Credits: 1-4

Schedule: TBA, June 6-July 3, 1979.

Course Title: Fitness and Lifetime
Activities

PE 100 Sections 11, 12, 13, 14, 15

A variety of activities stressing individual,
team and physical fitness according to stu-
dent needs and interests.

Section 11: Tennis

Instructor: Smith Credits: 1

Schedule: MTWTh, TBA, 6:50-7:50 a.m.,
PEC 104, June 6-July 3, 1979

Section 12: Tennis

Instructor: Smith Credits: 1

Schedule: MTWTh, TBA, 8:00-9:00 a.m.,
PEC 104, June 6-July 3, 1979.

Section 13: Beginning Swimming

Instructor: Erickson Credits: 1

Schedule: MTWTh, TBA, 8:00-9:00 a.m.,
Nat, June 6-July 3, 1979.

Section 14: Beginning Swimming

Instructor: Erickson Credits: 1

Schedule: MTWTh, TBA 9:10-10:10
a.m., Nat, June 6-July 3, 1979.

Section 15: Archery

Instructor: Heuther Credits: 1

Schedule: MTWTh, TBA, 12:00-1:00
p.m., PEC 104, June 6-July 3, 1979.

**Course Title: Exercise Physiology
PE 450 Section 11**

Body processes as they relate to exercise;
efficiency of muscular; work; fatigue and ex-
ercise; age, sex and body type as related to
exercise; nervous control of muscular activi-
ty; effect of exercise on the circulatory
system. P, junior standing.

Instructor: McKeown Credits: 3

Schedule: MTWTh, TBA, 10:10
a.m.-12:10 p.m., PEC 118, June 6-July 3,
1979.

**Course Title: Supervision of Health
and Physical Education
PE 744 Section 11**

Techniques, principles, organization and
philosophy of supervision in this field. P,
graduate standing, permission of staff.

Instructor: Hattlestad Credits: 2

Schedule: MTWTh, 1:00-3:00 p.m., PEC
274, June 6-July 3, 1979.

**Course Title: Outdoor Education
Workshop**

Recr 581/681 Section 11
Special Offering. See page

**Course Title: Advanced Ad-
ministration of School Health Pro-
grams**

Hlth 760 Section 11

Methods of health instruction; problems of
health service; problems in supervision of
health environment; recent trends and pro-
blems in safety education. P, graduate stand-
ing, permission of staff.

Instructor: Booher Credits: 2

Schedule: MTWTh, 10:10 a.m.-12:10
p.m., PEC 274, June 6-July 3, 1979.

● **July Session**

**Course Title: Seminar in Financial
Aspects of Sports Mangement**

HPER 682 Section 21

P, graduate standing, permission of staff.

Instructor: Forsyth Credits: 2

Schedule: MTWTh, 10:10 a.m.-12:10
p.m., PEC 274, July 5-August 1, 1979.

**Course Title: Motor Learning and
Development**

HPER 760 Section 21

Analysis of various teaching methods.
Survey of research in motor learning.
Demonstrations and study of methods ap-
plied to various activities. P, graduate stand-
ing, permission of staff.

Instructor: Hattlestad Credits: 3

Schedule: MTWTh, TBA, 8:00-10:00
a.m., PEC 274, July 5-August 1, 1979.

**Course Title: Research Methods in
HPER**

HPER 783 Section 21

Methods and techniques of research in
field, critical analysis of masters and doctors
thesis, practice of research techniques. P,
graduate standing, permission of staff.

Instructor: McKeown Credits: 3

Schedule: MTWTh, TBA, 1:00-3:00
p.m., PEC 274, July 5-August 1, 1979.

**Course Title: Fitness and Lifetime
Activities**

PE 100 Sections 21, 22, 23, 24,

A variety of activities stressing individual,
team and physical fitness according to stu-
dent needs and interests. See specific listings
below.

Section 21: Tennis

Instructor: Smith Credits: 1

Schedule: MTWTh, TBA, 8:00-9:00 a.m.,
PEC 289, July 5-August 1, 1979.

Section 22: Racquetball

Instructor: Williamson Credits: 1

Schedule: MTWTh, TBA, 8:00-9:00 a.m.,
PEC 120, July 5-August 1, 1979.

Section 23: Golf

Instructor: Huether Credits: 1

Schedule: MTWTh, TBA, 9:10-10:10
a.m., PEC 120, July 5-August 1, 1979.

Section 24: Tennis

Instructor: Smith Credits: 1

Schedule: MTWTh, TBA, 2:10-3:10
p.m., PEC 120, July 5-August 1, 1979.

**Course Title: Emergency Medical
Care**

Hlth/PT 159 Section 21

To develop or upgrade the skill levels of all
individuals involved in emergency medical
care services. Introduction to basic anatomy,
physiology and emergency medical care for
students planning a career in the health
sciences.

Instructors: Booher, Huether Credits: 2

Schedule: MTWTh, 8:00-10:00 a.m.,
PEC 104, July 5-August 1, 1979.

HEALTH SCIENCE

● **Interim Session**

**Course Title: Special Problems:
Death and Dying**

HSc 442 Section 31

A comprehensive look at the areas of dying
and death in the American tradition. Some
local field experience to be arranged for the
total class. May be taken for Geography
credit. Contact Dr. Charles Blazey 688-4106
or Dr. Ed Hogan 688-4511.

Instructors: Blazey, Hogan Credits: 1

Schedule: MTWThF, 1:00-4:30 p.m.,
RoB, May 14-18, 1979.

● **June Session**

**Course Title: Contemporary
Health Problems**

HSc 212 Section 11

Study of the contemporary health prob-
lems of men and women with emphasis on
implications for family life, mental health,
communicable diseases, degenerative
diseases, nutrition, consumer education.
This course will be an opportunity for the in-
dividual to evaluate recent health informa-
tion and then apply the knowledge gained in
order to seek better health solutions for
himself and the community now and in the
future.

Instructor: Blazey Credits: 2

Schedule: MTWTh, 10:20 a.m.-12:20
p.m., SH 317, June 6-July 3, 1979.

Course Title: Perspectives in Aging
HSc 442 Section 11

Designed to give the general public, professionals in private and governmental service fields and older Americans insight into the special abilities, interests, needs and problems of our older citizens.

Instructor: Blazey Credits: 2

Schedule: MTWTh, 1:10-3:00 p.m., HN 167, June 6-July 3, 1979.

Course Title: Public Health Science
HSc 443 Section 11

Organization and administration of public and voluntary health agencies. Principle functions and program development in vital statistics, maternal-child health, adult health, sanitation, health education, and special health programs. Problem solving in fields of public health. Junior or senior standing in nursing. Open to other upper division professional majors with consent.

Instructor: Michalewicz Credits: 3

Schedule: MTWThF, 9:10-11:20 a.m., SH 315, June 6-July 3, 1979.

Course Title: Workshops in Health: Overview of Issues of Health Care Delivery
HSc 581/681 Section 11

The course is designed for those concerned about health and its delivery. It is directed toward those entering the health or health-related fields as well as those who have worked in these fields but want a broader perspective of the system which they themselves are a part of. It is for those who think that the care-of-health must be significantly changed and those satisfied with the present system and shall be a stimulus and a challenge to all to improve it.

Instructor: Michalewicz Credits: 3

Schedule: MTWThF, 1:10-3:20 p.m., HN 169, June 6-July 3, 1979.

HISTORY

● Interim Session

Course Title: Field Experience: Northwestern USA
Hist 381 Section 31

A traveling classroom to study the geography and history of the northwestern states in the field. Among the various place to be visited and studied are the Black Hills, Yellowstone Park, Salt Lake City, the Royal Gorge. Interested students should contact Dr. Lee Opheim at 688-4511. (See Geog 380).

Instructor: Opheim Credits: 3

Schedule: May 14-June 1, 1979.

Fee: \$69.00. (plus travel expenses)

● June Session

Course Title: Course Special: The New Testament Era: Elementary Greek, and Graeco-Roman History and Religion
Hist 396 Section 11

Special Offering. See page 9

Course Title: Special Problems in History
Hist 492 Section 11

Opportunity for qualified students to investigate special problems or carry out independent study under supervision of department staff.

Instructor: Bell Credits: 1-4

Schedule: TBA, Sco 332, June 6-July 3, 1979.

● Main Session

Course Title: History of the American West
Hist 265 Section 81

From exploration and colonization of North American continent through closing of the frontier. Includes routes of migration, cattle frontier, mining frontier, Indians, pioneer farmers, mechanized farming, urban frontier, and the effect of the frontier on the American character.

Instructor: Opheim Credits: 3

Schedule: MTWThF, 1:10-2:10 p.m., RoE, June 6-August 1, 1979.

Fee: \$69.00.

Course Title: Topics in European History: Nazi Germany
Hist 330 Section 81

The Weimar Republic and the rise of Hitler's national Socialist movement, 1919-32. The construction of a totalitarian state, 1933-34. Nazi domestic and foreign policy, 1933-39. Germany and the Second World War (military history of the campaigns, German homefront, the resistance, the holocaust, etc.), 1939-45. Brief overview of Germany since Hitler. Social and cultural aspects of the period as well as political history will be presented in lectures, slide presentations and films.

Instructor: Crain Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m., RoE, June 6-August 1, 1979.

Course Title: Revolutionary and

Early National Period in US History, 1763-1800
Hist 352 Section 81

Covers causes of the American Revolution, War for Independence, Articles of Confederation, Constitutional Convention of 1787, establishment of the Federal Union and early years of the Republic.

Instructor: Funchion Credits: 3

Schedule: MTWThF, 10:20-11:20 p.m., RoE, June 6-August 1, 1979.

Course Title: Civil War and Reconstruction, 1840-1877
Hist 355 Section 81

Development of ante-bellum South; social, political, and economic factors leading up to outbreak of the Civil War; Reconstruction period and problems of the post war South.

Instructor: Sweeney Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., RoE, June 6-August 1, 1979.

Course Title: Course Special: Christ and Caesar
Hist 396 Section 81

Special Offering. See page 7

Course Title: Special Problems in History
Hist 492 Section 81

Opportunity for qualified students to investigate special problems or carry out independent study under supervision of department staff.

Instructor: Bell Credits: 1-4

Schedule: TBA, Sco 332, June 6-August 1, 1979.

● July Session

Course Title: Special Problems in History
Hist 492 Section 21

Opportunity for qualified students to investigate special problems or carry out independent study under supervision of department staff.

Instructor: Bell Credits: 1-4

Schedule: TBA, Sco 332, July 5-August 1, 1979.

HOME ECONOMICS

● Interim Session

Course Title: Special Problems:

Managing Family Finances
HE 573/673 Section 31
Special Offering. See page 7

● **June Session**

Course Title: Special Problems
HE 573/673 Section 11
P, consent.
Instructor: Staff Credits: 1-4
Schedule: TBA, HN 373, June 6-July 3, 1979.

Course Title: Seminar in Home Economics
HE 701 Section 11
Reports and discussion of research in various areas of home economics. Required of graduate majors.
Instructor: Staff Credits: 1
Schedule: TTh, 8:00-10:00 a.m., HN 247, June 6-July 3, 1979.

● **Main Session**

Course Title: Professional Practicum
HE 471 Section 81
Working under supervision with business concern. Role of home economist in business, company, organization and ethics, public relations, use of mass media, special aspects of particular business. Full time one-half semester with residence in city where business is located.
Instructor: Staff Credits: 1-12
Schedule: TBA, June 6-August 1, 1979.

Course Title: Practicum in Extension
HE 482 Section 81
Working under supervision in a county extension office. The role of the extension home economist, organization and philosophy of the Cooperative Extension Service, public relations, use of mass media, program development and teaching in extension with both youth and adults. Full-time one-half semester with residence in a county seat town. P, 2.5 GPA.
Instructor: Staff Credits: 8
Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis
HE 790 Section 81
Instructor: Staff Credits: 5-7
Schedule: TBA, June 6-August 1, 1979.

● **July Session**

Course Title: Problems in Home Economics Education: Methods and Materials in the Teaching of Nutrition
HE 573/673 Section 21
To be taken with NFS 561/661.
Instructor: Kurtz Credits: 1
Schedule: MTWThF, 1:00-3:00 p.m., HN 373, July 9-20, 1979.
Fee: \$46.00 Ug/\$62.00 Gr

Course Title: Problems in Home Economics Education: Methods and Materials in Teaching Family Living
HE 573/673 Section 22
To be taken with CDFR 582/682.
Instructor: Bell Credits: 1
Schedule: MTWThF, 1:00-3:00, HN 373, July 23-August 3, 1979.
Fee: \$46.00 Ug/\$62.00 Gr

HOME ECONOMICS EDUCATION

● **June Session**

Course Title: Supervision in Home Economics Education
HEd 741 Section 11
Programs in home economics studies with special emphasis on supervised student teaching: Roles of state supervisor, and student teachers analyzed. Opportunity to work on individual problems. P, teaching experience and consent of staff.
Instructor: Anderson Credits: 2
Schedule: MTWTh, 10:20 a.m.-12:30 p.m., HN 373, June 6-July 3, 1979.

HORTICULTURE-FORESTRY

● **June Session**

Course Title: Professional Internship in Horticulture
Ho 472 Section 11
A supervised, on-the-job, practical experience program for selected Horticulture students. The project, program and grading criteria require approval by the department faculty. P, junior standing and must have completed 2 years of the Horticulture curriculum.
Instructor: Staff Credits: 3-12
Schedule: TBA, June 6-July 3, 1979.

Course Title: Professional Internship in Landscape Design
La 472 Section 11
See course description under Horticulture curriculum.

Instructor: Staff Credits: 3-12
Schedule: TBA, June 6-July 3, 1979.

Course Title: Professional Internship in Parks
PR 472 Section 11
A supervised, on-the-job, practical experience program for selected Park Management students. P, junior standing and must have completed 2 years of the Park Management curriculum.
Instructor: Staff Credits: 3-12
Schedule: TBA, June 6-July 3, 1979.

Course Title: Professional Internship in Forestry
F 472 Section 11
See course description under Horticulture curriculum.
Instructor: Staff Credits: 3-12
Schedule: TBA, June 6-July 3, 1979.

JOURNALISM AND MASS COMMUNICATIONS

● **Interim Session**

Course Title: Special Problems in Radio or Television or Film
MCom 560/660 Section 31
Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.
Instructor: Staff Credits: 1-2
Schedule: TBA, May 14-June 1, 1979.

Course Title: Directed Studies
GCom 392 Section 31
Directed study in selected topics. P, consent of Department Chairperson.
Instructor: Staff Credits: 1-3
Schedule: TBA, May 14-June 1, 1979.

● June Session

Course Title: Theories of Communication

GCom 505/605 Section 11

Major theories of communication, including media and interpersonal communication.

Instructor: Nagelberg Credits: 3

Schedule: MTWThF, 1:10-3:10 p.m., PC 214, June 6-July 3, 1979.

Fee: \$69.00 Ug/\$93.00 Gr

Course Title: Special Problems in Radio or Television or Film

MCom 560/660 Section 11

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: TBA Credits: 1-2

Schedule: TBA, June 6-July 3, 1979.

Course Title: Educational Radio and TV

MCom 637 Section 11

Educational broadcasting with practical work in preparation and presentation of educational and instructional materials for radio, TV, and film and their use in the classroom.

Instructors: Meyer, Nagelberg Credits: 3

Schedule: MTWThF, 7:00-9:00 a.m., PC 214, June 6-July 3, 1979.

● Main Session

Course Title: Basic Photography

MCom 160 Section 81

Special Offering. See page 7

Course Title: Summer Publications Institute

Special Offering. See page 11

Course Title: Printing Seminar

Special Offering.

Course Title: Newswriting and Reporting

MCom 210 Section 81

Gathering, evaluating and writing news. P, freshman English grade no lower than C. Not open to freshmen without consent.

Instructor: McCorkle Credits: 3

Schedule: MWTh, 8:00-10:00 a.m., PJ 206N, June 6-August 1, 1979.

Course Title: Journalism

Typography MCom 213 Section 81

Printing; type faces and processes; page pasteup, proofreading.

Instructor: Van Ommeren Credits: 2

Schedule: MW, 10:20 a.m.-12:30 p.m., PJ 206S, June 6-August 1, 1979.

Course Title: Broadcast Journalism

MCom 333 Section 81

Writing, editing and presenting radio and TV news programs. Lab experience in newscasting. P, MCom 210 for majors; MCom 330 for others.

Instructor: Eich Credits: 3

Schedule: TF, 8:00-11:00 a.m., PJ 206N, June 6-August 1, 1979.

Course Title: Journalism Internship

MCom 413 Section 81

Supervised experience. P, consent. Open only to upper division students.

Instructor: Cline Credits: 2

Schedule: TBA, June 6-August 1, 1979.

Course Title: Journalism Internship

MCom 413 Section 82

Supervised experience. P, consent. Open only to upper division student.

Instructor: Cline Credits: 1-2

Schedule: TBA, June 6-August 1, 1979.

Course Title: Public Relations

MCom 573/673 Section 81

Interpreting institutional and industrial policies and programs to the public.

Instructor: Laird Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., PJ 206S, June 6-August 1, 1979.

Course Title: Special Problems in Communication

MCom 651 Section 81

P, consent.

Instructor: Lee Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis

MCom 790 Section 81

Instructor: Lee

Credits: 1-6

Schedule: TBA, June 6-August 1, 1979.

● July Session

Course Title: Special Problems in Radio or Television or Film

MCom 560/660 Section 21

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff Credits: 1-2

Schedule: TBA, July 5-August 1, 1979.

MATHEMATICS

● June Session

Course Title: Special Topics: BASIC Language Computing

Math 491 Section 11

Fundamentals of computing, problem organization, the BASIC language, interpretation of results. Special emphasis on solving problems with the small computer. For students who will use the terminals at SDSU, plan to use microcomputers at home, school or job, or anticipate any form of interactive computing. P, one year of high school algebra or equivalent.

Instructor: Clever Credits: 2

Schedule: MTWThF, 9:10-10:10 a.m., Lab TBA, SH 210, June 6-July 3, 1979.

● Main Session

Course Title: College Algebra

Math 111 Section 81

Set concepts, factoring polynomials, solution of linear and quadratic equations, inequalities, rational expressions, radicals and exponents, systems of equations, arithmetic and geometric progressions, binomial expansion, application problems. P, 1 yr. H.S. algebra.

Instructor: Richards Credits: 3

Schedule: MTWThF, 6:50-7:50 a.m., HN 125, June 6-August 1, 1979.

Course Title: Math Analysis II

Math 224 Section 81

Differentiation and integration of trig, inverse trig, logarithmic and exponential functions. Techniques of integration and applications. P, Math 123.

Instructor: Staff Credits: 4

Schedule: MTWThF, 8:00-8:50 a.m., MWF, 12:00-12:50 p.m., HN 169, June 6-August 1, 1979.

Course Title: Math Analysis III

Math 225 **Section 81**

Solid analytic geometry, partial derivatives, multiple integrals, vectors and applications. P, Math 224.

Instructor: Kranzler Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., HN 169, June 6-August 1, 1979.

Course Title: Differential Equations

Math 321 **Section 81**

Ordinary differential equations including first order, higher order linear and systems of linear equations. General solution and solutions of initial - value problems using matrices and power series and applications to physical science and geometry. P, Math 225.

Instructor: Kranzler Credits: 3

Schedule: MTWThF, 6:50-7:50 a.m., HN 169, June 6-August 1, 1979.

**MECHANICAL
ENGINEERING**

● **Main Session**

Course Title: Thermodynamics

ME 314 **Section 81**

Terminal course for non-mechanical engineering students. Fundamental equations of thermodynamics. Properties of gases and vapors. Thermodynamic cycles. P, Phys 211, Math 225.

Instructor: Hooks Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m., CEH 219, June 6-August 1, 1979.

**MECHANIZED
AGRICULTURE**

● **June Session**

Course Title: Teaching Agricultural Mechanics

MA 452 **Section 11**

Including shop management, safety, shop plans, selection, care, and use of hand and power tools and equipment, to be taken as part of student teaching block in Agricultural Education. P, senior in Agricultural Education.

Instructor: Kelley Credits: 2(1,3)

Schedule: MTWTh, 8:00-10:10 a.m., AE 131B, June 6-July 3, 1979.

Course Title: Special Problems in Mechanized Agriculture

MA 490 **Section 11**

Special problems in Mechanized Agriculture with engineering implication for studying, investigating, and reporting where satisfactory solutions must be written up in final report. Selection and completion of special problems does not require background of professional engineering courses and is limited to non-engineering students. Must have approval of advisor and head of department.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Field Experience in Mechanized Agriculture

MA 492 **Section 11**

Supervised field experience with a Mechanized Agriculture-related enterprise for exposure to industry situation. Will give practical experience to supplement classroom training and reinforce career objectives. P, junior standing. Supervised.

Instructor: Staff Credits: 1-12

Schedule: TBA, June 6-July 3, 1979.

Course Title: Advanced Irrigation Mechanics and Practices

MA 562/662 **Section 11**

Sprinkler, surface and trickle irrigation systems and equipment. Irrigation scheduling, management, and economics. Water quality and environmental impact of irrigation.

Instructor: Chu Credits: 2(1,3)

Schedule: MTWTh, 10:20a.m.-12:30 p.m., TBA, June 6-July 3, 1979.

Course Title: Advanced Farm Engines

MA 582/682 **Section 11**

Operation, selection, care, adjustment and new developments of internal combustion engines as applied to farm power units.

Instructor: Chisholm, Kelley Credits: 2(1,3)

Schedule: MTWTh, 1:10-3:20 p.m., AE 131B, June 6-July 3, 1979.

● **July Session**

Course Title: Special Topics

MA 500/600 **Section 21**

Special Offering. See page 31

MICROBIOLOGY

● **Main Session**

Course Title: General Microbiology

Micr 231 **Section 81**

General principles of basic and applied microbiology.

Instructor: Stangeland Credits: 4

Schedule: MTThF, 8:00-9:00 a.m., Lecture, MTThF, 9:10-11:20 a.m., Lab, DM 202 Lecture, DM 212 Lab, June 6-August 1, 1979.

Course Title: Microbiology Problem

Micr 441 **Section 81**

Practical laboratory experience involved with current research or instructional interest. Consent of instructor required.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Field Experience and Student Internship Program

Micr 472 **Section 81**

Microbiology credit may be obtained for practical experience or internships related to microbiology. Consent of instructor and prior arrangements must be made.

Instructor: Wilkinson Credits: Variable

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis in Microbiology

Micr 790 **Section 81**

Instructor: Staff Credits: 1-7

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis-Sustaining

Micr 790 **Section 82**

Instructor: Staff Credits: 1

Schedule: TBA, June 6-August 1, 1979.

MILITARY SCIENCE

● **June Session**

Course Title: Military Science I

Mil 101/102 **Section 11**

Fundamentals of leadership and management, organization of the Army and ROTC. Military geography and use of maps. Fundamentals of marksmanship, military geography, and range firing. Tuition free credit.

Instructor: Stephens Credits: 2

Schedule: MTWTh, 8:00-10:10 a.m., F Lab, AR 101, June 6-July 3, 1979.

● July Session

Course Title: Military Science II
Mil 201/202 Section 21

Operations of military teams, functions, duties, and responsibilities of junior leaders and their historical role. Military history, policies, experiences, and tradition in peace and war, and growth and development of the Army's role in national security.

Instructor: Stephens Credits: 2

Schedule: MTWTh, 8:00-10:10 a.m., F, Lab, Ar 101, July 5-August 1, 1979.

MUSIC

● Interim Session

Course Title: Jazz Ensemble I
-Tour of Minnesota

MuEn 380 Section 31

Special Offering. See page 5

Course Title: Jazz Ensemble I
Tour of Minnesota

MuEn 480 Section 31

Special Offering. See page 5

● June Session

Course Title: Independent Studies:
Three Ages of Counterpoint

Mus 590/690 Section 11

Consent. May be used as substitute for music requirement.

Instructor: Royer Credits: 2-3

Schedule: MTWTh, 8:00-10:10 a.m., MC 114, June 6-July 3, 1979.

Course Title: Independent Studies:
Orchestration and Arranging

Mus 590/690 Section 12

Consent. May be used as substitute for music requirement.

Instructor: Royer Credits: 2-3

Schedule: TWThF, 10:20 a.m.-12:30 p.m., MC 114, June 6-July 3, 1979.

Course Title: Independent Studies:
Brass Pedagogy

Mus 590/690 Section 13

Consent. May be used as substitute for music requirement.

Instructor: Colson Credits: 1-2

Schedule: TBA, MB 201, June 6-July 3, 1979.

Course Title: Independent Studies:

Conducting

Mus 590/690 Section 14

Consent. May be used as substitute for music requirement.

Instructor: Colson Credits: 1-3

Schedule: TBA, MB 201, June 6-July 3, 1979.

Course Title: Directed Studies:
Electronic-Tape Music

Mus 591/691 Section 11

Special projects in music which must be approved. Consent.

Instructor: Royer Credits: 1-2

Schedule: TBA, 1:10-TBA, MC 105, June 6-July 3, 1979.

Course Title: Directed Studies:
Wind Instrument Literature

Mus 591/691 Section 12

Special projects in music which must be approved. Consent.

Instructor: Colson Credits: 2

Schedule: MTWThF, TBA, June 6-July 3, 1979.

Course Title: Directed Studies:
Piano Care-Repair

Mus 591/691 Section 13

Special projects in music which must be approved. Consent.

Instructor: Spencer Credits: 1-2

Schedule: TBA, June 6-July 3, 1979.

Course Title: Directed Studies:
Choral Directors Workshop

Mus 591/691 Section 14

Special projects in music which must be approved. Consent.

Instructor: Wright Credits:

Schedule: Daily, TBA, June 4-9, 1979.

Course Title: Directed Studies:
Music Directors Workshop

Mus 591/691 Section 15

Featuring sessions on Corps Style Marching and Flags

Instructor: Walker Credits:

Schedule: Daily, TBA, June 4-9, 1979.

Course Title: Individual Instruc-

tion - Voice

MuAp 102/202 Section 11

Instructor: Wright Credits: 1

Schedule: TBA, MC 101, June 6-July 3, 1979. (See Mr. Wright immediately for assignment.)

Course Title: Individual Instruc-
tion - Piano

MuAp 110/210 Section 11

Instructor: Spencer Credits: 1

Schedule: TBA, June 6-July 3, 1979.

Course Title: Individual Instruc-
tion - Organ

MuAp 110/210 Section 12

Instructor: Royer Credits: 1

Schedule: TBA, June 6-July 3, 1979.

Course Title: Individual Instruc-
tion - Woodwinds

MuAp 120/220 Section 11

Instructor: Hatfield Credits: 1

Schedule: TBA, MC 105, June 6-July 3, 1979.

Course Title: Individual Instruc-
tion - Brass

MuAp 130/230 Section 11

Instructor: Colson Credits: 1

Schedule: TBA, MB 201, June 6-July 3, 1979.

Course Title: Individual Instruc-
tion - Piano

MuAp 310/410 Section 11

Instructor: Spencer Credits: 2

Schedule: TBA, June 6-July 3, 1979.

Course Title: Individual Instruc-
tion - Organ

MuAp 310/410 Section 12

Instructor: Royer Credits: 2

Schedule: TBA, June 6-July 3, 1979.

Course Title: Individual Instruc-
tion - Woodwinds

MuAp 320/420 Section 11

Instructor: Hatfield Credits: 2

Schedule: TBA, MC 105, June 6-July 3, 1979.

Course Title: Individual Instruction - Brass

MuAp 330/430 Section 11

Instructor: Colson Credits: 2

Schedule: TBA, MB 201, June 6-July 3, 1979.

● July Session

Course Title: Woodwind Pedagogy
Mus 270/370 Section 21

Instructor: Johnson Credits: 1-2

Schedule: TBA, July 5-August 1, 1979.

Course Title: Music Appreciation:
Blues Jazz Rock Survey
Mus 300 Section 21

Instructor: Johnson Credits: 2

Schedule: MTWTh, 9:10-11:20 a.m., MB 104, July 5-August 1, 1979.

Course Title: Directed Studies:
Single Reed Seminar
Mus 591/691 Section 21

Special projects in music which must be approved. Consent.

Instructor: Johnson Credits: 1-2

Schedule: MTWTh, 1:00-2:00 p.m., MB 208, July 5-August 1, 1979.

Course Title: Directed Studies:
Brookings Soundscape Project
Mus 591/691 Section 22

Special Offering. See page 8

Course Title: Directed Studies:
Keyboard Project
Mus 591/691 Section 23

Special projects in music which must be approved. Consent.

Instructor: Piersel Credits: 1-2

Schedule: TBA, MC 104, July 5-August 1, 1979.

Course Title: Independent Instruction - Voice

MuAp 102/202 Section 21

Please register first four weeks.

Instructor: Wright Credits: 1

Schedule: TBA, MC 101, July 5-August 1, 1979.

Course Title: Individual Instruction - Piano

MuAp 110/210 Section 21

Instructor: Piersel Credits: 1

Schedule: TBA, July 5-August 1, 1979.

Course Title: Individual Instruction - Woodwinds

MuAp 120/220 Section 21

Instructor: Johnson Credits: 1

Schedule: TBA, July 5-August 1, 1979.

Course Title: Individual Instruction - Brass

MuAp 130/230 Section 21

Instructor: Colson Credits: 1

Schedule: TBA, July 5-August 1, 1979.

Course Title: Individual Instruction - Piano

MuAp 310/410 Section 21

Instructor: Piersel Credits: 2

Schedule: TBA, July 5-August 1, 1979.

Course Title: Individual Instruction - Woodwinds

MuAp 320/420 Section 21

Instructor: Johnson Credits: 2

Schedule: TBA, July 5-August 1, 1979.

Course Title: Individual Instruction - Brass

MuAp 330/430 Section 21

Instructor: Walker Credits: 2

Schedule: TBA, July 5-August 1, 1979.

NURSING

● Interim Session

Course Title: Leadership in Patient Care Management

Nurs 400 Section 31

This course will enable the participants to determine how assertive they are, to learn ways to develop their own assertiveness, and to determine the advantages of being assertive nurses. The participants will broaden their understanding of Leadership Behavior as applied to the management of patient care.

Instructors: Hardin, Hopponen Credits: 2

Schedule: M, 1:00-5:00 p.m., TWTh, 9:00-12:00 a.m., & 1:00-5:00 p.m., F, 8:00 a.m.-1:00 p.m., HN 218, May 21-25, 1979.

● June Session

Course Title: RN Refresher Course
Special Offering. See Page 11

● Main Session

Course Title: Physical Assessment for Nurses

Nurs 595/695 Section 82

This course will introduce students to a basic orientation of physical assessment. It will provide them the opportunity to develop the skills of health history taking and physical assessment. This three credit course will consist of lecture-demonstration, independent study and supervised clinical practicum.

Instructor: Errickson Credits: 3

Schedule: M, 9:00 a.m.-3:00 p.m., HN 302/304, June 4-July 23, 1979.

Course Title: Concepts and Issues in Nursing

Nurs 610 Section 81

A systematic study and interpretation of nursing phenomena by critical examination of theoretic concepts and models. Consideration of the influence on nursing of federal state and local legislation, and demographic and emerging social forces.

Instructor: Peterson Credits: 3

Schedule: T, 9:00 a.m.-3:00 p.m., HN 218, June 5-July 24, 1979.

NUTRITION AND FOOD SCIENCE

● June Session

Course Title: Special Topics
NFS 461 Section 11

In nutrition, clinical dietetics, food science, food systems management or hospitality industries. P, Consent of department.

Instructor: Staff Credits: 1-4

Schedule: First meeting June 4, 2:20 p.m., HN 443, June 6-July 3, 1979.

Course Title: Special Topics
NFS 561/661 Section 11

In nutrition, clinical dietetics, food science, food systems management or hospitality industries. P, Consent of instructor.

Instructor: Staff Credits: 1-4

Schedule: First meeting June 4, 2:20 p.m., HN 443, June 6-July 3, 1979.

Course Title: Recent Developments and New Approaches in Human Nutrition
NFS 724 Section 11

Emphasis on new concepts in nutrition and resultant impact of changing dietary patterns on health and behavior. Insights essential for recognition of dietary needs and practical educational techniques to evoke favorable changes in food consumption patterns.

Instructors: Johnson/Ketterling Credits: 3

Schedule: MTWThF, 9:10-11:20 a.m., HN 425, June 6-July 3, 1979.

Fee: \$93.00

● **Main Session**

Course Title: Special Topics
NFS 461 Section 81

In nutrition, clinical dietetics, food science, food systems management or hospitality industries. P, Consent of department.

Instructor: Staff Credits: 1-4

Schedule: First meeting June 4, 2:20 p.m., HN 443, June 6-August 1, 1979.

Course Title: Special Problems
NFS 561/661 Section 81

Special study in food and nutrition. P, Consent of instructor.

Instructor: Johnson Credits: 1-3

Schedule: First meeting June 4, 2:20 p.m., HN 441, June 6-August 1, 1979.

● **July Session**

Course Title: Special Topics
NFS 461 Section 21

In nutrition, clinical dietetics, food science, food systems management or hospitality industries. P, Consent of department.

Instructor: Staff Credits: 1-4

Schedule: First meeting July 2, 2:20 p.m., HN 443, July 5-August 1, 1979.

Course Title: Recent Development in Nutrition Education Workshop
NFS 551/651 Section 21

Special Offering. See page 2

PHARMACY

● **June Session**

Course Title: Men and Medicines
Pha 199 Section 11

Special Offering. See page 10

Course Title: Men and Medicines
Pha 199 Section 12

Special Offering. See page 7

PHILOSOPHY AND RELIGION

● **June Session**

Course Title: Introduction to Ethics
Phil 225 Section 11

Studies of major ethical theories, investigation of some of the problems arising from these theories, and a critical analysis of the validity of these theories in light of the student's own ethical intuitions.

Instructor: Nelson Credits: 3

Schedule: MTWThF, 9:10-11:20 a.m., CEH 318, June 6-July 3, 1979.

Course Title: Special Problems in Philosophy
Phil 455 Section 11

Special Offering. See page 9

● **Main Session**

Course Title: Introduction to Philosophy
Phil 205 Section 81

Inquiry into some of the basic problems of philosophy leading to an appreciation of the place and value of philosophy in the intellectual community, and intellectual activities of the student.

Instructor: Kedl Credits: 4

Schedule: MTWTh, 8:00-9:40 a.m., SoH 101, June 6-August 1, 1979.

Course Title: Introduction to Religion
Rel 213 Section 81

Consideration of possible new religious meanings, symbol systems, and life styles in a world in transition; relation of these to

theories of change and alternative images of man.

Instructor: Norlin Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., RoC, June 6-August 1, 1979.

Fee: \$69.00

Course Title: Religion in America
Rel 237 Section 81

An analysis in historical perspective of the major religious movements in the U.S.: Judaism, Protestantism, Roman Catholicism, with particular emphasis upon their cultural context and relationship to American life and thought—past, present, and future.

Instructor: Fee Credits: 3

Schedule: MTWThF, 11:30 a.m.-12:30 p.m., HN 167, June 6-August 1, 1979.

Course Title: World Religions
Rel 338 Section 81

Major world faiths, today: Hinduism, Buddhism, Confucianism, Taoism, Judaism, Islam, Christianity, and possible developments in the modern world.

Instructor: Fee Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., SoH 101, June 6-August 1, 1979.

Course Title: Moral and Ethical Perspectives on Death and Dying
Rel 360 Section 81

Special Offerings. See page 6

PHYSICS

● **Main Session**

Course Title: Atomic Physics
Phys 331 Section 81

Atomic and nuclear structure with emphasis on impact of 20th Century developments on science and engineering. P, Phys 213 or 113 and Math 225.

Instructor: Graetzer Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m., Ro F, June 6-August 1, 1979.

Course Title: Special Topics
Phys 495 Section 81

Introduction to musical acoustics, experimental nuclear physics, theoretical physics, experiments for science teachers and other topics on demand. P, consent.

Instructor: Graetzer, Duffey Credits: 1-3

Schedule: First meeting June 5, 2:20 p.m., CEH 310, June 6-August 1, 1979.

Course Title: Advanced Descriptive Physics

Phys 598/698 Section 81

Key portions of physics will be surveyed and integrated, making use of modern developments. The approach will be intuitive and verbal, rather than through numerical or algebraic problems. Selection of topics will include some of the following: relativity, nuclear particles and quarks, cosmology, black holes in space, lasers, superconductivity, symmetry in physics, mechanical universe vs. free will, etc. P, one year college physics.

Instructor: Duffey Credits: 3

Schedule: MTWThF, 1:10-2:10 p.m., CEH 318, June 6-August 1, 1979.

Course Title: Special Topics
Phys 695 Section 81

Introduction to musical acoustics, experimental nuclear physics, theoretical physics, experiments for science teachers, and other topics on demand. P, consent.

Instructors: Graetzer, Duffey Credits: 1-3

Schedule: First meeting June 5, 2:20 p.m., CEH 310, June 6-August 1, 1979.

Course Title: Thesis
Phys 790 Section 81

Instructor: Credits: 1-7

Schedule: CEH 318, June 6-August 1, 1979.

PLANT SCIENCE

● Interim Session

Course Title: Advanced Special Problems: Diseases of Horticultural Plants

PS 780 Section 31

The common diseases of vegetables, fruits, trees, lawns and ornamentals in South Dakota will be studied with emphasis on diagnosis, epidemiology and control.

Instructor: Mankin Credits: 1

Schedule: MTWThF, 9:00 a.m.-4:00 p.m., ASC 129E, May 14-18, 1979

Fee: \$31.00

● Main Session

Course Title: Internship in Plant Science

PS 472 Section 81

Supervised off-campus experience with a crop production-related enterprise. Intended to provide practical experience to supple-

ment classroom training and reinforce career objectives. Written reports are required. Application for permission to register may be made one semester in advance. P, junior standing and consent of department head.

Instructor: TBA Credits: 1-12

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Problems
PS 490 Section 81

Assigned readings, research and written reports. Limit of four hours in each major for B.S. degree. P, Consent of instructor.

Instructor: TBA Credits: 1-4

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Topics
PS 700 Section 81

Advanced study of one or more selected topics; 1) Biometrical Genetics, 2) Experimental Design, 3) Mycology, 4) Nematology, 5) Phytobacteriology, 6) Plant Breeding, 7) Soil Chemistry, 8) Soil Fertility, 9) Soil Genesis, 10) Soil Mineralogy, 11) Soil Physics, 12) Virology, 13) Weed Control, 14) Cytogenetic Applications, 15) Teaching Experience (2 credits maximum). P, Consent of instructor for all Special Topics.

Instructor: TBA Credits: 1-6
(1,3 per credit)

Schedule: TBA, June 6-August 1, 1979.

Course Title: Advanced Special Problems

PS 780 Section 81

Advanced study and research in crops, plant pathology and soils. P, Consent of instructor.

Instructor: TBA Credits: 1-2

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis, M.S.
PS 790 Section 81

Credits: 7-9

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis, Ph.D.
PS 890 Section 81

Instructor: TBA Credits: Variable

Schedule: TBA, June 6-August 1, 1979.

POLITICAL SCIENCE

● Interim Session

Course Title: Canadian-American Relations Through Films

PolS 496 Section 31

Special Offering. See page 6

● Main Session

Course Title: American Government

PolS 100 Section 81

Origins and development of our government at the national level: democratic theory, the Constitution, civil rights, representation, citizenship and suffrage, political parties, pressure groups, public opinion, propaganda, Congress, the Presidency, the courts.

Instructor: Burns Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., HN 159, June 6-August 1, 1979.

Fee: \$69.00.

Course Title: State and Local Government

PolS 210 Section 81

Legal status, forms and functions, inter-relationships, current trends and suggested reforms. Examples drawn from South Dakota.

Instructor: Cheever Credits: 3

Schedule: MTWThF, 11:30 a.m.-12:30 p.m., HN 159, June 6-August 1, 1979.

Course Title: Public Administration

PolS 320 Section 81

Special Offering. See page 7

Course Title: The USSR
PolS 343 Section 81

Study of government, politics, and some aspects of society in the Soviet Union. 25 students.

Instructor: Cheever Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m., HN 167, June 6-August 1, 1979.

Course Title: Field Experience and Student Internship in Political Science

PolS 481 Section 81

Approximately one credit for each week spent in internships or special projects off campus. Written reports and a final oral examination will be required. Application for permission to register for Practicum must be

made one semester in advance. Non Political Science majors must show some appropriate background. Will not count toward meeting the minimum requirements in the major or minor. May be repeated until 12 credits are earned. Graded E or F. 10 students.

Instructor: Staff Credits: 3-9

Schedule: TBA, June 6-August 1, 1979.

Course Title: Directed Studies
PolS 483 Section 81

Instructor: Staff Credits: 1-5

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Problems in Political Science

PolS 592/692 Section 81

Individual guided research culminating in formal research paper. May be repeated until 6 credits are earned.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

PSYCHOLOGY

● June Session

Course Title: Child Psychology
Psyc 321 Section 11

Physical, social, emotional and intellectual aspects of child development. May be counted as an educational elective. P, 101 or 102.

Instructor: Burke Credits: 3

Schedule: MTWThF, 1:10-3:20 p.m., HN 110, June 6-July 3, 1979.

Fee: \$69.00.

● Main Session

Course Title: General Psychology
Psyc 101 Section 81

Concepts of development, learning motivation, emotion, frustration, personality, and other basic behavioral processes. Prerequisite for all courses in psychology except 102.

Instructor: Branum Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., HN 125, June 6-August 1, 1979.

Fee: \$69.00

Course Title: General Psychology
Psyc 101 Section 82

Concepts of development, learning, motivation, emotion, frustration, personali-

ty, and other basic behavioral processes. Prerequisite for all courses in psychology except 102.

Instructor: Ritter Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., Ro F, June 6-August 1, 1979.

Course Title: Advanced General Psychology
Psyc 202 Section 81

Contemporary research related to psychological concepts expounded in Psyc 101 and 102. P, 101 or 102.

Instructor: Hillner Credits: 3

Schedule: MTWThF, 11:30 a.m.-12:30 p.m., HN 363, June 6-August 1, 1979.

Course Title: Business and Industrial Psychology
Psyc 331 Section 81

Application of psychological principles to such problems as employee selection, supervision, job satisfaction, work efficiency and human engineering. P, 101 or 102.

Instructor: Hillner Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m., HN 125, June 6-August 1, 1979.

Course Title: Social Psychology
Psyc 441 Section 81

Basic principles, concepts and methods utilized in analyzing individual and group interaction. P, 101 or 102.

Instructor: Branum Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m., HN 167, June 6-August 1, 1979.

Fee: \$69.00

Course Title: Abnormal Behavior
Psyc 451 Section 81

Causative factors, symptoms and treatment of major forms of abnormal behavior, including neurosis, psychosis and the psychophysiological disorders. P, 101 or 102.

Instructor: Ritter Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m., HN 167, June 6-August 1, 1979.

RELIGION

● Main Session

Course Title: Contemporary Religious and Spiritual Groups and Movements in America
Rel 393 Section 81

A study of selected non-normative religious movements in the American environment, both the modern "cults," and also movements and trends that have not taken such definite sociological form. The aim of the course is twofold: to understand the practice and teachings of these movements in their own right, and, to better understand through them what may be taking place in the larger contemporary American society.

Instructor: Fee Credits: 3

Schedule: MTWThF, 11:30 a.m.-12:30 p.m., HN 167, June 6-August 1, 1979.

RURAL SOCIOLOGY

● June Session

Course Title: Indians of North America
Anth 421 Section 11

A survey of tribal societies and native confederations from protohistoric through the historic period. Special emphasis will be placed on contemporary issues and applications of such information for teachers and others working with or having special interest in Indian culture.

Instructor: Hess Credits: 3

Schedule: MTWThF, 8:00-10:00 a.m., AgH 139, June 6-July 3, 1979.

Course Title: Practicum in Anthropology
Anth 492 Section 11

Credit rendered for internships or special projects off campus. Written reports and a final examination (oral or written) will be required. Application for permission to register must be made one semester in advance. Credit will not count toward meeting the minimum requirements of the major. May be repeated until 12 credits are earned. Graded S or U. P, Jr. or Sr. standing and Sociology major.

Instructor: Faltemier Credits: 3-12

Schedule: TBA, June 6-July 3, 1979.

Course Title: Special Problems in Anthropology
Anth 590/690 Section 11

Advanced work or special problems in Anthropology. P, open to undergraduate and graduate students with sufficient background and consent.

Instructor: Satterlee Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Introduction to

Sociology
Soc 100 **Section 11**
 Comprehensive study of society with analysis of group life and other forces shaping human behavior. P, to most courses above 100.

Instructor: Mendelsohn Credits: 3

Schedule: MTWThF, 10:20 a.m.-12:30 p.m., AgH 139, June 6-July 3, 1979.

Course Title: Special Problems in Sociology
Soc 490 **Section 12**

Opportunity for qualified majors and minors to investigate special problems or carry out independent study under supervision of department staff. P, major or minor and Jr. or Sr. standing.

Instructor: Satterlee Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Sociology Seminar
Soc 491 **Section 11**

The opportunity for extensive work in a selected area of sociology including special investigation, reports and discussion. Senior, major or consent of instructor. (Required of Majors.)

Instructor: Faltemier Credits: 1

Schedule: First meeting June 6, 4:00 p.m., Soc 213, June 6-July 3, 1979.

Course Title: Practicum in Sociology
Soc 492 **Section 11**

Credit rendered for internships or special projects off campus. Written reports and a final examination (oral or written) will be required. Application for permission to register must be made one semester in advance. Credit will not count toward meeting the minimum requirements of the major. May be repeated until 12 credits are earned. Graded S or U. P, Jr. or Sr. standing and Sociology major.

Instructor: Faltemier Credits: 3-12

Schedule: TBA, June 6-July 3, 1979.

Course Title: Special Problems in Sociology
Soc 780 **Section 11**

Advanced work or special problems in such areas as population, marriage and family, rural sociology, criminology, social organization or urban sociology. P, open to graduate students with sufficient background and consent of instructor.

Instructor: Satterlee Credits: 1-3

Schedule: TBA, June 6-July 3, 1979.

Course Title: Internship in Planning

Soc 781 **Section 11**

Credit rendered for internship or special field projects off campus. Written reports and final examination (oral or written) reports will be required. Application for permission to register must be made one semester in advance. May be repeated until 6 credits are earned. Graded S or U. P, Master's candidacy in Sociology (Planning Option).

Instructor: Dimit Credits: 1-6

Schedule: TBA, June 6-July 3, 1979.

Course Title: Thesis, M.S.
Soc 790 **Section 11**

Schedule: June 6-July 3, 1979.

Course Title: Thesis, M.S., Sustaining
Soc 790 **Section 12**

Schedule: June 6-July 3, 1979.

Course Title: Graduate Seminar: "Extraordinary Groups"
Soc 791 **Section 11**

Special Offering. See page 9

Course Title: Thesis, Ph.D.
Soc 890 **Section 11**

Schedule: June 6-July 3, 1979.

Course Title: Thesis, Ph.D., Sustaining
Soc 890 **Section 12**

Schedule: June 6-July 3, 1979.

● Main Session

Course Title: Special Problems in Sociology
Soc 490 **Section 81**

Opportunity for qualified majors and minors to investigate special problems or carry out independent study under supervision of department staff. P, Major or minor and Jr. or Sr. standing.

Instructor: Satterlee Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Practicum in Anthropology

Anth 492 **Section 81**

Credit rendered for internships or special projects off campus. Written reports and a final examination (oral or written) will be required. Application for permission to register must be made one semester in advance. Credit will not count toward meeting the minimum requirements of the major. May be repeated until 12 credits are earned. Graded S or U. P, Jr. or Sr. standing and Sociology major.

Instructor: Faltemier Credits: 3-12

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Problems in Anthropology
Anth 590/690 **Section 81**

Advanced work or special problems in Anthropology. P, open to undergraduate and graduate students with sufficient background and consent.

Instructor: Satterlee Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Practicum in Sociology
Soc 492 **Section 81**

Credit rendered for internships or special projects off campus. Written reports and a final examination (oral or written) will be required. Application for permission to register must be made one semester in advance. Credit will not count toward meeting the minimum requirements of the major. May be repeated until 12 credits are earned. Graded S or U. P, Jr. or Sr. standing and Sociology major.

Instructor: Faltemier Credits: 3-12

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Problems in Sociology
Soc 780 **Section 81**

Advanced work or special problems in such areas as population, marriage and family, rural sociology, criminology, social organization or urban sociology. P, open to graduate students with sufficient background and consent of instructor.

Instructor: Satterlee Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Internship in Planning
Soc 781 **Section 81**

Credit rendered for internship or special field projects off campus. Written reports and final examination (oral or written) reports will be required. Application for per-

mission to register must be made one semester in advance. May be repeated until 6 credits are earned. Graded S or U. P, Master's candidacy in Sociology (planning option).

Instructor: Dimit Credits: 1-6
Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis, M.S.
Soc 790 Section 81
Schedule: June 6-August 1, 1979.

Course Title: Thesis, M.S., Sustaining
Soc 790 Section 82
Schedule: June 6-August 1, 1979.

Course Title: Thesis, Ph.D.
Soc 890 Section 81
Schedule: June 6-August 1, 1979.

Course Title: Thesis, Ph.D., Sustaining
Soc 890 Section 82
Schedule: June 6-August 1, 1979.

● July Session

Course Title: Practicum in Anthropology
Anth 492 Section 21
Credit rendered for internships or special projects off campus. Written reports and a final examination (oral or written) will be required. Application for permission to register must be made one semester in advance. Credit will not count toward meeting the minimum requirements of the major. May be repeated until 12 credits are earned. Graded S or U. P, Jr. or Sr. standing and Sociology major.
Instructor: Faltemier Credits: 3-12
Schedule: TBA, July 5-August 1, 1979.

Course Title: Special Problems in Anthropology
Anth 590/690 Section 21
Advanced work or special problems in Anthropology. P, open to undergraduate and graduate students with sufficient background and consent.
Instructor: Satterlee Credits: 1-3
Schedule: TBA, July 5-August 1, 1979.

Course Title: Special Problems in Sociology
Soc 490 Section 21
Opportunity for qualified majors and minors to investigate special problems or carry out independent study under supervision of department staff. P, major or minor and Jr. or Sr. standing.
Instructor: Satterlee Credits: 1-3
Schedule: TBA, July 5-August 1, 1979.

Course Title: Sociology Seminar
Soc 491 Section 21
The opportunity for extensive work in a selected area of sociology including special investigation, reports and discussion. Senior, major or consent of instructor. (Required of Majors.)
Instructor: Faltemier Credits: 1
Schedule: First meeting July 5, 4:00 p.m., Soc 213, July 5-August 1, 1979.

Course Title: Practicum in Sociology
Soc 492 Section 21
Credit rendered for internships or special projects off campus. Written reports and a final examination (oral or written) will be required. Application for permission to register must be made one semester in advance. Credit will not count toward meeting the minimum requirements of the major. May be repeated until 12 credits are earned. Graded S or U. P, Jr. or Sr. standing and Sociology major.
Instructor: Faltemier Credits: 3-12
Schedule: TBA, July 5-August 1, 1979.

Course Title: Special Problems in Sociology
Soc 780 Section 21
Advanced work or special problems in such areas as population, marriage and family, rural sociology, criminology, social organization or urban sociology. P, open to graduate students with sufficient background and consent of instructor.
Instructor: Satterlee Credits: 1-3
Schedule: TBA, July 5-August 1, 1979.

Course Title: Internship in Planning
Soc 781 Section 21
Credit rendered for internship or special field projects off campus. Written reports and final examination (oral or written) reports will be required. Application for permission to register must be made one semester in advance. May be repeated until 6

credits are earned. Graded S or U. P, Master's candidacy in Sociology (Planning option).

Instructor: Dimit Credits: 1-6
Schedule: TBA, July 5-August 1, 1979.

Course Title: Thesis, M.S.
Soc 790 Section 21
Schedule: July 5-August 1, 1979.

Course Title: Thesis, M.S., Sustaining
Soc 790 Section 22
Schedule: July 5-August 1, 1979.

Course Title: Graduate Seminar—"Research Process"
Soc 791 Section 21
Examination of theory construction, methodology and statistical application appropriate for social research.
Instructor: Wagner Credits: 3
Schedule: MTWThF, 10:20 a.m.-12:30 p.m., DM 202, July 5-August 1, 1979.

Course Title: Thesis, Ph.D.
Soc 890 Section 21
Schedule: July 5-August 1, 1979.

Course Title: Thesis, Ph.D., Sustaining
Soc 890 Section 22
Schedule: July 5-August 1, 1979.

SECRETARIAL SCIENCE

● June Session

Course Title: Key Punch
OEd 134 Section 11
Operation of IBM Card Punch. Development of basic understanding of relationship to computing equipment. P, 112 or consent.
Instructor: Schultz Credits: 2

Schedule: MTWTh, 9:10-10:10 a.m., Labs TBA, Wecota, June 6-July 3, 1979.

Fee: \$46.00.

● Main Session

Course Title: Machine Transcription

OEd 131

Section 81

Development of skill in operation of dictation and transcribing machines. P, 112 or equivalent.

Instructor: Schultz

Credits: 2

Schedule: TTh, 9:10-10:10 a.m., Labs
TBA, Wecota, June 6-August 1, 1979.

Fee: \$46.00.

**Course Title: Duplicating
Machines**

OEd 132

Section: 81

Stencil, spirit, offset, and photo-copy duplicators; kinds and uses, operation. P, ability to type.

Instructor: Schultz

Credits: 2

Schedule: MW, 10:20-11:20 a.m.,
1:30-4:00 -Labs, Wecota, June 6-August 1,
1979.

Fee: \$46.00.

SPEECH

● **Interim Session**

**Course Title: Special Problems in
Speech Reeduction**

DCom 432

Section 31

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Meyer

Credits: 1-2

Schedule: TBA, May 14-June 1, 1979.

**Course Title: Special Problems in
Oral Interpretation**

SpCm 592/692

Section 31

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff

Credits: 1-2

Schedule: TBA, May 14-June 1, 1979.

**Course Title: Special Problems in
Public Address**

SpCm 594/694

Section 31

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff

Credits: 1-2

Schedule: TBA, May 14-June 1, 1979.

**Course Title: Special Problems in
Theatre**

Thea 590/690

Section 31

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff

Credits: 1-2

Schedule: TBA, May 14-June 1, 1979.

● **June Session**

**Course Title: Special Problems in
Speech Reeduction**

DCom 432

Section 11

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff

Credits: 1-2

Schedule: TBA, June 6-July 3, 1979.

**Course Title: Fundamentals of
Speech**

SpCm 101

Section 11

Required of all students unless permission is granted to substitute an advanced course. Emphasis on development of skills in research, organization, style, delivery, and listening necessary for effective oral communication.

Instructor: Staff

Credits: 3

Schedule: MTWThF, 6:50-9:00 a.m.,
CEH 213, June 6-July 3, 1979.

Fee: \$69.00.

**Course Title: Fundamentals of
Speech**

SpCm 101

Section 12

Required of all students unless permission is granted to substitute an advanced course. Emphasis on development of skills in research, organization, style, delivery, and listening necessary for effective oral communication.

Instructor: Staff

Credits: 3

Schedule: MTWThF, 9:10-11:20 a.m.,
CEH 218, June 6-July 3, 1979.

Fee: \$69.00.

**Course Title: Special Problems in
Oral Interpretation**

SpCm 592/692

Section 11

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff

Credits: 1-2

Schedule: TBA, June 6-July 3, 1979.

**Course Title: Special Problems in
Public Address**

SpCm 594/694

Section 11

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff

Credits: 1-2

Schedule: TBA, June 6-July 3, 1979.

Course Title: Thesis

SpCm 790

Section 11

Credits: 1-7

Schedule: TBA, June 6-July 3, 1979.

**Course Title: Special Problems in
Theatre**

Thea 590/690

Section 11

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff

Credits: 1-2

Schedule: TBA, June 6-July 3, 1979.

● **Main Session**

**Course Title: Intro to Speech Cor-
rection**

DCom 131

Section 81

Survey of common speech problems, their correction and prevention. Emphasis on voice and articulation problems.

Instructor: Meyer

Credits: 3

Schedule: MTWThF, 10:20-11:20 a.m.,
PC 214, June 6-August 1, 1979.

**Course Title: Fundamentals of
Speech**

SpCm 101

Section 81

Required of all students unless permission is granted to substitute an advanced course. Emphasis on development of skills in research, organization, style, delivery, and listening necessary for effective oral communication.

Instructor: Staff

Credits: 3

Schedule: MTWThF, 11:30 a.m.-12:30
p.m., PC 214, June 6-August 1, 1979.

Fee: \$69.00.

**Course Title: Fundamentals of
Speech**

SpCm 101

Section 82

Required of all students unless permission is granted to substitute an advanced course. Emphasis on development of skills in

research, organization, style, delivery, and listening necessary for effective oral communication.

Instructor: Staff Credits: 3

Schedule: MTWThF, 9:10-10:10 a.m.,
PC 214, June 6-August 1, 1979.

Fee: \$69.00.

Course Title: Fundamentals of
Speech

SpCm 101 Section 83
Special Offering. See page 8

Course Title: Theatre Ac-
tivities—Acting

Thea 135 Section 81

Credit earned by active participation in acting roles. May be repeated until 8 activity credits have been earned. P, consent of instructor.

Instructor: Staff Credits: 1

Schedule: TBA, June 6-August 1, 1979.

Course Title: Theatre Ac-
tivities—Technical Theatre

Thea 145 Section 81

Credit earned by backstage and crew work. May be repeated until 8 activity credits have been earned. P, consent of instructor.

Instructor: Staff Credits: 1

Schedule: TBA, June 6-August 1, 1979.

Course Title: Theatre Ac-
tivities—Special Projects

Thea 195 Section 81

Credit earned by completing selected theatre projects. May be repeated until 8 activity credits have been earned. P, consent of instructor.

Instructor: Staff Credits: 1

Schedule: TBA, June 6-August 1, 1979.

Course Title: Summer Theatre
Thea 495 Section 81

Credit earned by participation in State University Theatre's repertory theatre company at Prairie Village Opera House, Madison. May be repeated to a total of 10 credits, but only 5 may be applied to a minor in Speech.

Instructor: Staff Credits: 5

Schedule: TBA, June 6-August 1, 1979.

● July Session

Course Title: Special Problems in
Speech Reeducation

DCom 432 Section 21

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff Credits: 1-2

Schedule: TBA, July 5-August 1, 1979.

Course Title: Special Problems in
Oral Interpretation

SpCm 592/692 Section 21

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff Credits: 1-2

Schedule: TBA, July 5-August 1, 1979.

Course Title: Special Problems in
Public Address

SpCm 594/694 Section 21

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff Credits: 1-2

Schedule: TBA, July 5-August 1, 1979.

Course Title: Workshop in Speech
and Drama Activities

SpCm 592/692 Section 21

Special Offering. See page 2

Course Title: Special Problems in
Theatre

Thea 590/690 Section 21

Directed research. May be repeated to a total of 6 credits in problems courses. P, consent of Department Chairperson.

Instructor: Staff Credits: 1-2

Schedule: TBA, July 5-August 1, 1979.

STATISTICS

● Main Session

Course Title: Statistical Methods I
Stat 341 Section 81

Concepts in probability, data description, distributions, sampling, statistical inferences (parametric and nonparametric.) P, Math 113 or 111 with A or B. Credit will not be given for both 211 and 341.

Instructor: Kim Credits: 3

Schedule: MTWTh, 9:10-11:20 a.m.,
AgH 113, June 6-August 1, 1979.

TEXTILES, CLOTHING AND INTERIOR DESIGN

● Interim Session

Course Title: Art in Today's Home
TCID 211 Section 31

Special Offering. See page 8

● Main Session

Course Title: Introduction to In-
terior Design

TCID 221 Section 81

Special Offering. See page 7

● July Session

Course Title: Pattern Alteration
-Minott Method

TCID 592/692 Section 21

Special Offering. See page 8

WILDLIFE AND FISHERIES SCIENCES

● Main Session

Course Title: Research Problems
WL 691 Section 81

Arrangements must be made with supervising staff member prior to registration. P, cumulative GPA of at least 2.75 and permission of supervisor.

Instructor: Staff Credits: 1-2

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis in Wildlife
WL 790 Section 81

Instructor: Staff Credits: 1-5

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis in Wildlife-
Sustaining

WL 790 Section 82

Instructor: Staff Credits: 1

Schedule: TBA, June 6-August 1, 1979.

ZOOLOGY

● Main Session

Course Title: Anatomy
Zool 221 Section 81

Structure of various systems of the body as the basis for physiology. Models and charts are used with references to skeletons. Injected and embalmed rats are used for a limited amount of dissection.

Instructor: Thibodeau Credits: 3

Schedule: MTWThF, 8:00-9:00 a.m.,
Lecture, TTh, 10:00-12:00 a.m., Lab, AgH
343, June 6-August 1, 1979.

**Course Title: Special Topics in
Zoology**
Zool 497 **Section 81**

Qualified students may investigate special topics under supervision of department staff in the following and other selected areas: Human Genetics, Principles of Animal Taxonomy, Helminthology. Permission of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

Course Title: Thesis in Zoology
Zool 790 **Section 81**

Instructor: Staff Credits: 5-7

Schedule: TBA, June 6-August 1, 1979.

Course Title: Special Topics in

Zoology
Zool 797

Section 81

Qualified students may investigate special topics of Zoological study under supervision of department staff in the following and other selected areas: Zoological Research Problems, History and Philosophy of Zoology, Developmental Genetics. Permission of instructor.

Instructor: Staff Credits: 1-3

Schedule: TBA, June 6-August 1, 1979.

COURSE SCHEDULE-OFF CAMPUS

Statewide

Course Title: Special Topics
MA 500/600 **Section 21**

Agricultural Power Units.
Primarily designed for in-service teacher training activities for Vocational Agriculture Teachers.

Instructors:
Moe, Kelley Credits: 1

Schedule: 9:00 a.m.-4:00 p.m.,
West River, July 9-12, 1979.

Schedule: 9:00 a.m.-4:00 p.m.,
Southeast, July 16-19, 1979

Schedule: 9:00 a.m.-4:00 p.m.,
Northeast, July 23-26, 1979.

De Smet

**Course Title: South Dakota House
Types: Our Architectural Heritage**

A two day special non-credit workshop designed to provide participants the opportunity to examine the history of South Dakota house types, facades, and dating. A local field trip will be included.

Instructor: Hogan Credits: 0

Schedule: M, 9:00 a.m.-4:00 p.m., T, 9:00 a.m.-1:00 p.m.
DeSmet, May 21, 22, 1979.

Fee: \$15.00.

Rapid City

**Academic Calendar-Ellsworth Air
Force Base Program**

Registration by appointment with Program Coordinator May 1-24, 1979. Currently enrolled students register with Bruce Crosswait before the summer session begins. New students register Friday, June 1, 1979 from 3:00-9:00 p.m. at the Ellsworth Base Education Office.

Instruction begins Monday,
June 4, 1979. Academic Holiday-
Independence Day July 4, 1979.
Instruction ends July 27, 1979.

Program Coordinator: Dr. Bruce
Crosswait, Base Education Office,
EAFB.

**Course Title: The Exceptional
Child**

CGPS 600

Critical consideration of physical, social, emotional and intellectual qualities which characterize children who deviate from normal to such an extent as to require special educational consideration. Special attention given to study of desirable provisions in educational program of gifted children.

Instructor: Polenz Credits: 3

Schedule: TTh, 7:00-10:00 p.m.,
Ellsworth Base Education

Building.

Fee: \$93.00.

**Course Title: Theories of Counsel-
ing**

CGPS 661

Theories, methods, and applica-
tion of the counseling processes at
all levels.

Instructor: Wessel Credits: 3

Schedule: MW, 7:00-10:00 p.m.,
Ellsworth Base Education
Building.

Fee: \$93.00.

**Course Title: Career Education
and Occupational Information.**

CGPS 742

Using, reviewing, and
evaluating occupational informa-
tion. Sources and types of materials
and occupational filing plans.
Theories of vocational develop-
ment, integrating careers into cur-
riculum.

Instructor: Wiedmeier Credits: 3

Schedule: TTh, 7:00-10:00 p.m.,
Ellsworth Base Education
Building.

Fee: \$93.00.

Course Title: Counseling Laboratory and Supervised Practicum
CGPS 787

Counseling interviews and activities under supervision of one or more members of university staff will be conducted in counseling laboratory and field. A minimum of 25 clock hours actual counseling time required and 30 counseling tapes. Limited to advanced graduate majors in guidance and counseling and consent of instructor.

Instructor: Kroetch Credits: 3-5

Schedule: TTh, 3:30-6:30 p.m., Ellsworth Base Education Building.

Fee: \$93.00-\$155.00.

Course Title: Organization and Administration of Elementary Education
EdAd 710

Principles and modern practices of organizing and administering work of elementary schools. Required by State Department of Public Instruction of school superintendents and elementary school principals.

Instructor:
McLaughlin Credits: 2

Schedule: MW, 3:30-6:30 p.m., Ellsworth Base Education Building.

Fee: \$62.00

Course Title: Elementary and Secondary School Supervision
EdAd 715

The nature of supervision, evaluation and instruction and teacher performance. Techniques, plans and procedures for improving the course of study and instruction in the public schools.

Instructor:
W. Crosswait Credits: 3

Schedule: MW, 7:00-10:00 p.m., Ellsworth Base Education building.

Fee: \$93.00.

Course Title: Seminar: Collective Negotiations for School Administrators
EdAd 782 Section 81

Designed to help the interested school administrator to understand the law, process and techniques of negotiating with teachers and other school employees. The seminar will include mock negotiation sessions where participants will assume the role of either employees or management representatives. Special materials fee \$5.00. Students desiring one credit attend first week only, students desiring two credits attend two weeks.

Instructor:
C.B. Crosswait Credits: 1-2

Schedule: Week 1: TWThF, 6:00-10:00 p.m.; Week 2: MTWTh, 6:00-10:00 p.m., Ellsworth AFB, Base Education Office, July 31-August 10, 1979.

Course Title: Advanced Educational Measurements
EdER 611

Study of theory and principles of construction and use of standardized measuring instruments used in educational and vocational evaluation. Practice in administration, scoring and interpretation of results. P, consent of instructor.

Instructor: Polenz Credits: 3

Schedule: TTh, 3:30-6:30 p.m., Ellsworth Base Education Building.

Fee: \$93.00.

Course Title: Advanced Educational Psychology
EPsy 740

Modern psychological theories of

education with particular emphasis on the developmental, motivational, learning and adjustment processes of children; evaluate and interpret research findings; developing a set of techniques for studying children and the problems that arise in their education.

Instructor: Holst Credits: 3

Schedule: MW, 3:30-6:30 p.m., Ellsworth Base Education Building.

Fee: \$93.00.

Course Title: Practicum in Individual Testing
EPsy 761

Intensive training in administration and scoring of individual mental tests; Stanford-Binet and Wechsler scales. P, CGPS 713; consent of instructor. Master's degree candidate in GC. Class limited.

Instructor: Sears Credits: 4

Schedule: MW, 7:00-10:00 p.m., Ellsworth Base Education Building.

Fee: \$124.00.

Course Title: Secondary School Curriculum
SeEd 640

Nature and principles of curriculum in secondary school. Newer trends and modern curriculum development procedures.

Instructor: Rosen Credit: 2

Schedule: MW, 3:30-6:30 p.m., Ellsworth Base Education Building

Fee: \$62.00.

Course Title: Leadership in Patient Care Management
Nurs 400 Section 32

This course will enable the participants to determine how assertive they are, to learn ways to

develop their own assertiveness, and to determine the advantages of being assertive nurses. The participants will broaden their understanding of Leadership Behavior as applied to the management of patient care.

Instructors:

Hardin, Hopponen Credits: 2

Schedule: TBA, Contact Maralee Dennis, Coordinator of RN Upward Mobility Program, Ad Building, South Dakota School of Mines and Technology, 500 E. St. Jo, Rapid City 57701.

Sioux Falls

Course Title: Remote Sensing
Geog 484 Section 82

Applications of remote sensing. Emphasis is placed on development of remote sensing; instrumentation; and techniques and methodology that will aid in the determination of need and proper utilization of our physical and cultural resources. P, 483 or consent.

Instructor: Weinkauff Credits: 3

Schedule: TBA, EROS Data Center, Sioux Falls, June 6-August 1, 1979.

Fee: \$69.00.

Course Title: Physical Assessment for Nurses
Nurs 595/695 Section 81

This course will introduce students to a basic orientation of physical assessment. It will provide them the opportunity to develop the skills of health history taking and physical assessment. This three credit course will consist of lecture-demonstration, independent study and supervised clinical practicum.

Instructor: Gilliland Credits: 3

Schedule: M, 9:00 a.m.-3:00 p.m., Sioux Valley Hospital, Sioux Falls, June 4-July 23, 1979.

Fee: \$69.00 Ug/\$93.00 Gr

Course Title: Aerospace Education Workshop
SeEd 581/681 Section 21
Special Offering. See page 3

Watertown

Course Title: The Earth's Landforms
Geog 339 Section 81

The Earth's surface features, namely the continental landforms with their flood plains, deltas, lacustrine, glaciers, coastal plains, marshes and dunes. One's relation to these landforms will be emphasized.

Instructor: Gab Credits: 2

Schedule: MW, 7:00 p.m., Watertown-Lake Area Vocational School, Child Care Classroom, June 6-August 1, 1979.

Fee: \$46.00

Course Title: Aerospace Education Workshop
SeEd 581/681 Section 21

Special Offering. See page 3

General Information

Registration

Session	Who registers	Where registration starts	When
Interim	All students	Room where class meets	First class meeting
Workshops	All students	PC 201	No later than the first day of workshop
Main and June	New undergraduates not previously admitted	AD 101	June 5, 11 a.m.
	Newly admitted and re-admitted undergraduates who received an admission letter	AD 101	June 5, 11 a.m.
	All graduate students	AD 132	June 5, 10 a.m.

	All undergraduate students who attended spring, 1979	Intramural Building, west door	June 5, noon-4 p.m.
	A - F Noon - 1 p.m. G - L 1 - 2 p.m. M - R 2 - 3 p.m. S - Z 3 - 4 p.m.		
	Late undergraduate students	AD 200	
	Late graduate students	AD 132	
July	All students enrolled in Main Session or June Session	Advisors for ADD slip, then AD 101	July 5, 8 a.m.-Noon
	Other undergraduate students	AD 101	July 5, 8 a.m.-Noon
	Other graduate students	AD 132	July 5, 8 a.m.-Noon

All students who register on time for sessions beginning June 6 will follow the same steps:

1. Report to an advisor in the center of the Intramural Building to complete tentative classification and schedule.
2. Complete all blanks of registration permit.
3. Complete other registration cards included in packet.
4. Pick up course cards at departmental tables for each course for which you are registering.
5. Present classification card and registration permit to fee slip desk to secure fee slip.
6. Complete vehicle registration card (if you do not already have the 1978-79 decal) and purchase identification decal at designated table.
7. Present fee slip to room rent table for room charge if you are residing in the dormitory.
8. Present fee slip to totaling table.
9. Pay fees at cashier's station. All fees assessed by fee slip writers are due on registration day.
10. Pick up activity ticket. Students enrolled in June, July and Main Sessions will be charged the fee.
11. Present the following to Student Services check desk:
 - a. Completed registration permit.
 - b. Classification card with course cards arranged in the order listed.
 - c. Religious preference and other cards in packet.
 - d. Paid fee slip.
12. Veterans eligible for benefits, report to Veterans table.

Late Registration

Late undergraduate students should pick up registration materials in AD 200; graduate students in AD 132. Then:

1. Visit dean of your college for advisor assignment; complete tentative registration form; and obtain ADD slips for every course you are entering.
2. Report to departmental offices for signatures verifying ADD approval for each course.
3. If housing is needed, report to Housing office, Wecota Hall, for assignment and assessment on your fee slip.
4. Return to Student Services for fee slip.
5. Pay at Cashier's Office, AD 218. Check on vehicle registration.
6. Turn in all materials to Student Services, AD 200.

We suggest that at least two weeks before registration, all new students, both undergraduate and graduate, fill out the application form, which is a part of this Summer School Bulletin, and mail to the Director of Admissions. However, applications can be taken and processed the day of registration. If you already have a Bachelor's degree, you may be designated as a Special Student. Or, if you do not plan to work toward a graduate degree, you may enroll as a Transient Student. All you need is certification that you have a Bachelor's degree from an accredited institution.

Add - Drop

Pick up forms from your dean or advisor after registration, and follow procedures outlined on these forms.

Pass - Fail and Audit

Enroll at registration in courses you plan to take either for Pass-Fail or Audit. Then, after registration, DROP the course and ADD with the notation "Pass - Fail" or "Audit". During the normal ADD period, you may move in either direction—from credit to an option, and from an option to credit. During the DROP period, you can change from credit to audit only.

What Will It Cost To Attend Summer School

Charge	For what	
\$15.00	Application fee	If you have already taken classes at SDSU or any other college under the Board of Regents, you have already paid this fee. It is assessed only once.

State-Supported Courses

\$18.60/credit	Tuition, Undergraduate resident	Minnesota residents may also qualify for resident tuition. Obtain forms in AD 200.
\$29.85/credit	Tuition, graduate resident	Fellows and graduate assistants pay only one-third of the resident tuition rate.
\$42.10/credit	Tuition, Undergraduate non-resident	Regular tuition is charged for Pass/Fail and Audit options
\$56.10/credit	Tuition, graduate non-resident	
\$ 4.00 for each credit taken	General University fee	This fee, amounting to \$4-\$36 in the summer, goes to maintain Health Service, the Student Union Center, tennis courts and other facilities not directly connected with instruction.
\$ 2.50 for 4-8.0 credits	General Instructional fee	Interim and workshop registrants will not be charged this fee. Fees optional for faculty enrolling in courses.
\$ 5.00 for 8.01 credits & above	General Instructional fee	

Continuing Education Courses

\$23.00/credit	Tuition, undergraduate	No residency required.
\$31.00/credit	Tuition, graduate	No residency required.

Housing

\$15.50 weekly	Rent, double dormitory room	Telephone service in rooms is provided at no additional charge. Students are welcome to live in residence halls. Unless the
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\$22.50 weekly

Rent, single dormitory room

Housing Office permits living off campus, single students are required to live in dormitories if they have not completed four semesters of college and do not live with their parents.

\$ 5.50/night

Rent with linen, double room, workshops

\$ 7.50/night

Rent with linen, single room, workshops

\$ 3.50/night

Rent without linen, double room, workshops

\$ 5.00/night

Rent without linen, single room, workshops

Miscellaneous

\$10.00

Late registration fee

Penalty assessed beginning June 6.

\$ 5.00 plus \$1/day to maximum of \$25

Late fee payment

Penalty assessed beginning June 6.

\$ 3.00

Vehicle registration fee

If you already have a 78-79 decal, you need not pay again.

Note: Senior Citizens (65 years old and above) pay one-fourth of tuition cost.

Some activities and laboratory courses may require special fees. Check with appropriate department.

Meals will be served at the University Student Union Cafeteria, Monday through Friday. You may pay cash or, if you are living in a dormitory or are part of a special group, you may purchase punch cards at a small saving. Your food costs, of course, depend on your appetite.

We accept payment by VISA or Mastercharge. Full payment is due at time of registration. No refund is normally allowed for a dropped course, unless the course will not be taught or the time has been changed, causing a scheduling conflict. However, you may drop and add courses without additional charge, provided the number of credits remains the same. If you feel that a refund is due you and it is not granted (Registrar's Office), see Summer School Director.

Special Fees and Charges for

"Hosted" Foreign Students

For those foreign students who come to South Dakota State University under a contractual arrangement that requires special administrative and programming arrangements beyond those of the regular academic program of South Dakota State University, and which South Dakota State University will provide through the office of the Director of International Programs or some other duly appointed and authorized administrative entity, a special administration or programming fee will be negotiated.

Course Information

Pass-Fail

Undergraduates may take one Pass-Fail course during summer school, provided their total Pass-Fail credits do not exceed 12. Pass-Fail courses may not satisfy major or core requirements. Students must attend classes, perform all assignments and take all tests. Final grade will be E (satisfactory) or F (unsatisfactory).

Audit

While auditing a course is entered on a student's record, no credits are given. A grade of E (satisfactory) or F (unsatisfactory) is given, normally based on attendance. Audit credits are not counted as part of a student's work load.

Withdrawal

Students withdrawing from the university should contact Student Services, AD 200, to avoid F's in their courses. Refunds will be issued according to the following schedule:

From registration to withdrawal date	Percent of tuition and fees refunded	
	4 week	8 week
2 weeks or less	50 %	60 %
Between 3 & 4 weeks	0	20 %
Between 4 & 5 weeks	0	0

Time requirements

Number of credits	Number of periods per week	Length of period
2	4	50 minutes
3	5	60 minutes
4	8	50 minutes
5	10	50 minutes

Normal course load is 4 credits for a four-week session, with a maximum of 5; 8 credits for an eight-week session, with a maximum of 9.

Period starting times

6:50 a.m.	12:00 noon
8:00 a.m.	1:10 p.m.
9:10 a.m.	2:20 p.m.
10:20 a.m.	3:30 p.m.
TBA-To be arranged	7:00 p.m.

Course numbering

1-99—non-credit courses (pre-college or remedial)
 100-599—mainly for undergraduates
 600-699—graduate students, undergraduates by permission from Graduate School Office AD 132
 700-above—graduate students only

Academic Calendar

Monday, May 14	Registration, Interim Session
Friday, June 1	Interim Session begins
Tuesday, June 5	Interim Session ends
Wednesday, June 6	Registration, Main Session
Tuesday, June 12	Registration, June Session
Tuesday, June 19	Main Session begins
Tuesday, June 26	June Session begins
Tuesday, July 3	Last day to enter a June Session course
Wednesday, July 4	Last day to enter a Main Session course
Thursday, July 5	Last day to drop a June Session course
Tuesday, July 10	June Session ends
Wednesday, July 11	Graduation cards due
Friday, July 20	Holiday
Wednesday, August 1,	Registration, July Session
Monday, August 6	July Session begins
	Last day to drop a Main Session course
	Last day to enter a July Session course
	Last day to drop a July Session course
	Main Session ends
	July Session ends
	Grades due in Registrar's Office

Recreation

While the academic pace during the summer is accelerated, classes are smaller, and it's a time for greater rapport between faculty and students. There's also time for recreation. Most mornings, before the sun beats down, you can hear the slap of tennis balls on the courts and see joggers circling the track or taking to the streets. For the stroller, there's McCrory Gardens, and for the shopper there are downtown businesses, the Brookings Mall and smaller shopping centers.

Your activity ticket will get you into performances of "Damn Yankees" (June 20) and "Send Me No Flowers" (June 27). The Summer Repertory Theater then moves to Prairie Village, Madison, for the rest of June and July. Poinsett, Oakwood, Campbell and Madison Lakes, plus many smaller lakes, can be reached in an hour or less. The Outing Center has canoes and water equipment for rent.

The Brookings Art Festival is set for July 7 and 8. And Pipestone, MN, 50 miles away, is the home of the Hiawatha pageant, performed the last two weeks in July and the first weekend in August. A student ID is enough to get you into the Municipal Swimming pool, and pool hours are posted for the Physical Education Center. There is a public golf course and three city parks. Sioux Falls, a city of 100,000, is 52 miles to the south.

Offices, Telephone Numbers of Departments (Alphabetically by College, then Department)

	Address	Telephone No.
Agriculture		
Agricultural Engineering	AE 105	8-5141
Animal Science	ASC 105	8-5165
Botany-Biology	AGH 306	8-6141
Dairy Science	DM 109A	8-4116
Economics	SCO 136	8-4141
Entomology-Zoology	AGH 239	8-6176
Horticulture-Forestry	HO 104C	8-5136
Microbiology	DM 201	8-4116
Plant Science	AGH 217	8-5121
Rural Sociology	SCO 224	8-4132
Veterinary Science	Vet Sci	8-5171
Wildlife and Fisheries	WL 202B	8-6121
Arts & Science		
Aerospace Studies	AR 200A	8-6106
Art	SOH	8-4223
Chemistry & Station Biochemistry	SH 121	8-5151
English	HN 251	8-5191
Foreign Languages	HN 121A	8-5101
Health, Physical Education & Recreation	PEC	8-5625
Geography	SCO 232	8-4511
History	SCO 332	8-4314
Journalism & Mass Communication	PJ 209	8-4171
Military Science	AR 200A	8-6151
Music	MC 105A	8-5187
Philosophy & Religion	SCO 314	8-4825
Political Science	SCO 310	8-5028
Psychology	SCO 338	8-4322
Speech	PC 115	8-6131
Engineering		
Civil Engineering	CEH 210B	8-5427
Electrical Engineering	HH 202	8-4526
Mathematics	HN 131A	8-6196
Mechanical Engineering	CEH 210	8-5426
Physics	CEH 310	8-5428
Home Economics		
Child Development & Family Relations	PC 119	8-6418
Home Economics Education	HN 249A	8-4176
Nutrition & Food Science	HN 441	8-5161
Textile, Clothing & Interior Design	HN 227	8-5196
Nursing		
Health Science	HN 213	8-4106
Education		
Education	HH 228	8-4196
Counseling, Guidance & Personnel Service	SOH 204	8-6519
Secretarial Science	WE 01A	8-6421
Agricultural Education	HH 228	8-4196

Have some questions? These offices can supply answers.

What	Who	Where	Telephone No.
General information about summer school	Director, Summer School	AD 230	8-4173
Academic difficulty	Director, Continuing Education	PC 201	8-4620
	Advisor		
	College of General Registration (GR)	AD 318	8-5413
	Counseling Center	WH 101	8-6146
Academic requirements	Advisor/Dean	See separate listing	
Billing error	Cashier's Office	AD 218	8-6116
Books, schools supplies	Bookstore	USU	8-4163
Calendar of activities	Student Services	AD 200	8-4121
Catalog, Undergraduate	High School Relations	AD 200	8-4121
Catalog, graduate	Graduate Office	AD 130	8-4181
Change of course	Advisor		
Change of major	Dean		
Counseling:	Counseling Center	WH 101	8-6146
Academic	Advisor		
	General Registration	AD 318	8-5413
Financial	Financial Aids	AD 212	8-4121
Personal	HELP phone		8-5146
Vocational/career	Advisor		
	Career & Academic Planning	AD 318	8-5413
	Career Planning & Placement	WH	8-4153
Credit by examination	Tests & Measurements	AD 323D	8-4217
Degree requirements	Advisor/Dean		
Drop-Add	Advisor		
	Student Services	AD 200	8-4121
Emergencies after hours	Health Service	WH	8-4157
	Police (campus)	PWP	8-5117
	Police (city)		911
	Fire		911
Entrance test results	Admissions & Records	AD 200	8-4121
Financial help	Financial Aids	AD 212	8-4121
Grades	Advisor		
	Student Services	AD 200	8-4121
Grade Transcript	Student Services/Records	AD 200	8-4121
Graduate assistantships	Major department	See separate listing	
	Graduate Office	AD 130	8-4181
Hearing difficulty	Speech Department	PC 115	8-6131
Hospitalization	Health Service	WH	8-4157
Illness or injury	Health Service	WH	8-4157
Jobs (campus)	Financial Aids	AD 212	8-4121
Jobs (off-campus)	Placement	WH 112	8-4153
	Job Service of South Dakota	418 7th St.	692-6368
	Major Department		
Housing, unmarried/married	Director of housing	WE 115	8-5148
Library Hours	Library	BL	8-5106
Locating Student	Student Services	AD 200	8-4121
	Telephone Assistance (campus numbers)		39
Lost keys, admission to campus buildings	Campus Police	PWP	8-5117
New student orientation	Student Services	AD 200	8-4121
Parking	Campus Police	PWP	8-5117
Pay checks	Payroll	AD 232	8-5926
Physical handicap	Health Seervice	WH	8-4157
Printing/duplicating	Print Lab/Copy Center	PJ, 1st floor	8-5111
Publicity	University Relations	EXT	8-6161
Recreation	Game Room	USU	8-4720
Recreational equipment rentals	Outing Center	USU	8-4722
Refunds	Cashier's Office	AD 218	8-6116
Reservations, banquet facilities, rooms for student meetings	Central Scheduling	USU 119C	8-4022
Scholarships	Financial Aids	AD 212	8-4121
	Major department		
Student newspaper	Collegian	USU 69	8-6164
Telephone assistance (campus numbers)			39
Veteran's information	Student Services	AD 200	8-4710
Withdrawal from college	Student Services	AD 200	8-4121

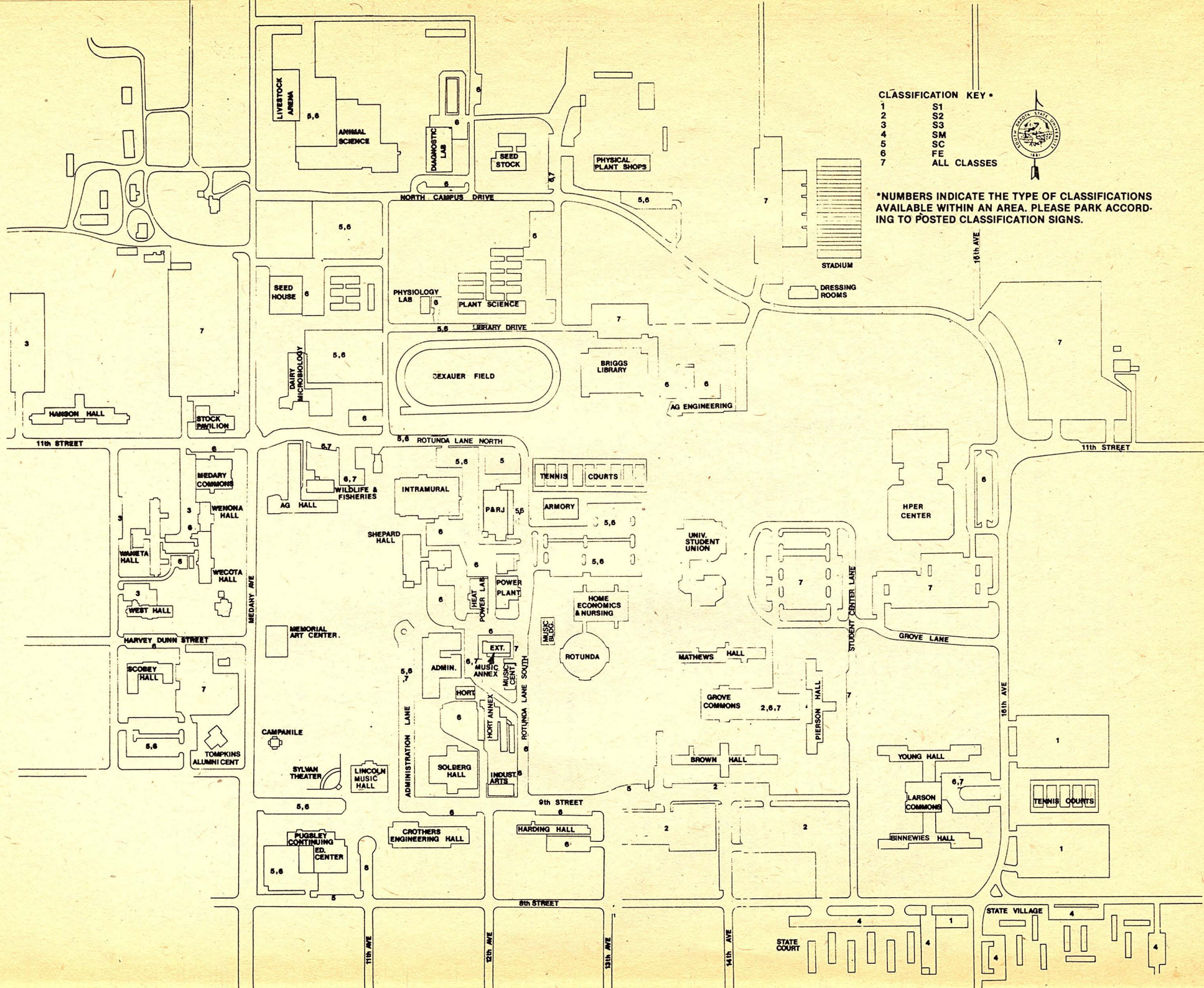
Building Abbreviations

AC	Memorial Art Center	MEC	Medary Commons
AD	Administration	MGT	Home Management House
AE	Agricultural Engineering	MH	Mathews Hall
ADR	Animal Disease Research	MTC	Macdougall Tennis Court
AGH	Agricultural Hall	MTC	MacDougall Tennis Court
AR	ROTC Armory	PC	Pugsley Continuing Education Center
ASA	Animal Science Arena	PE	Health Physical Education & Recreation Center
ASC	Animal Science Complex	PJ	Printing-Journalism
BH	Brown Hall	PRH	Pierson Hall
BL	Briggs Library	PSL	Plant Science Lab
BNH	Binnewies Hall	PYP	Physical Plant
CAS	Coughlin Alumni Stadium	PWP	Power Plant
CEH	Crothers Engineering Hall	RO	Rotunda for Arts & Science
CPE	Campanile	SC	State Court
DM	Dairy Microbiology	SCO	Scobey Hall
DY	Dairy Farm	SDH	Seedhouse
EHH	East Headhouse	SH	Shepard Hall
ETC	East Tennis Court	SOH	Solberg Hall
EXT	Extension	SP	Stock Pavilion (Agricultural Heritage Museum)
FSS	Foundation Seed Stock	SV	State Village
GC	Grove Commons	TAC	Tompkins Alumni Center
HH	Harding Hall	USU	University Student Union
HN	Home Economics-Nursing	VI	Veterinary isolation Building
HNH	Hanson Hall	WAN	Waneta Hall
HO	Horticulture	WE	Wecota
HOX	Horticulture Annex	WEN	Wenona
HPL	Heat Power Lab	WEX	Wecota Annex
IA	Industrial Arts	WH	West Hall
IM	Intramural	WHH	West Headhouse
LC	Larson Commons	WL	Wildlife-Fisheries
LMH	Lincoln Music Hall	YH	Young Hall
MA	Music Annex		
MB	Music Building		
MC	Music Central		

Offices, Telephone Numbers of Deans/Administrators

	Address	*Telephone No.
Summer School Director	AD 239	(68)8-4173
College of Agriculture	AGH 154	8-4148
College of Arts & Science	AD 122	8-6619
College of Engineering	CEH 201	8-4161
College of General Registration	AD 318	8-5413
College of Home Economics	HN 249B	8-6181
College of Nursing	HN 255	8-5178
College of Pharmacy	AD 110	8-5328
Continuing Education/ Community Service	PC 201	8-4620
Division of Education	HH228	8-4196
Graduate School	AD 130	8-4181
Library	BL 108	8-5106
Student Services	AD 200	8-4121

*Off-campus, 688 must be dialed. then last four digits. On-campus, dial 8 and last four numbers.



CLASSIFICATION KEY •

- 1 S1
- 2 S2
- 3 S3
- 4 SM
- 5 SC
- 6 FE
- 7 ALL CLASSES



*NUMBERS INDICATE THE TYPE OF CLASSIFICATIONS AVAILABLE WITHIN AN AREA. PLEASE PARK ACCORDING TO POSTED CLASSIFICATION SIGNS.

APPLICATION FOR ADMISSION

1979 SUMMER SCHOOL ONLY

Coursework I will complete (Please check)

_____ Undergraduate (Mail application to Admissions,
SDSU, Brookings, SD 57007.)

_____ Graduate (Mail application to Graduate School,
SDSU, Brookings, SD 57007.)

I will _____/will not _____ be pursuing a degree. (If pursuing a degree, please refer to the appropriate graduate or undergraduate catalog for a list of credits acceptable towards a degree or degrees you are pursuing.)

I will be pursuing _____
_____ major and/or _____
_____ degree.

1. Name: _____
last former name if any first middle

2. Current Mailing Address: _____
street city state zip

3. Permanent Mailing Address: _____
street city state zip

4.a. Date of Birth: _____ b. Place of Birth: _____
month day year city state

5. Social Security No: _____ 6. Country of Citizenship: _____

7. Telephone Number: _____ 8. Person to Notify in Case of Emergency: _____
Home Office

Name	Relationship	Address	Phone
PREVIOUS EDUCATION			
_____ Non-High School Graduate	COLLEGE GRADUATES ONLY:		
_____ High School Graduate	Indicate Highest Degree Earned _____		
_____ Some College	Name of College _____		
_____ College Graduate	Address of College _____		
_____ Have attended SDSU	(Waiver Statement: Graduate Admissions requires proof of bachelor's degree. Your signature below serves as your permission for us to request information from the above educational institution.)		

I understand that this is an application for the summer semester only. If I am planning to attend during the fall or spring semester, I must reapply by completing an application for admission available from the Undergraduate (AD 200) or Graduate (AD 132) Admissions Office.

All answers I have given on this application are complete and accurate to the best of my knowledge. If admitted, I agree to observe the rules and regulations of South Dakota State University and to pay all fees and charges assessed thereunder.

Signature of Applicant Date

NOTICE:

South Dakota State University offers all educational programs, materials, and services to all people without regard to age, race, color, religion, sex, handicap, or national origin and is an Equal Opportunity/Affirmative Employer (male/female).



Summer '79 at
South Dakota State University
Brookings, SD 57007

Second-class postage paid at Brookings, S.D. 57007

Alton Leon Raney
Library