SUMMER

1977 session



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South Dakota State University



4-5 registration and related information

6-25 departments

- 6 agricultural engineering animal science art aviation botany-biology
- 7 chemistry child development and family relations civil engineering dairy science
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- 11 interim session—may 16-june 3 first, four-week session—june 6-july 1
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 - 14 workshops and special events
 - 16 electrical engineering engineering engineering mechanics english
 - 17 entomology-zoology foreign languages geography
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SUMMER

interim session

monday, may 16 to friday, june 3

first four-week session monday, june 6 to friday, july 1

second four-week session tuesday, july 5 to friday, july 29

eight-week session monday, june 6 to friday, july 29

workshops and special events

Normal course load is one credit per week.

1977 SUMMER SESSION ADMINISTRATION

Sherwood O. Berg, Ph.D., President
Harold S. Bailey, Jr., Ph.D. Vice President for Academic
Affairs, Director of Summer Session
David F. Pearson, J.D., Vice President for Administration
Delwyn Dearborn, Ph.D., Dean, College of Agriculture
and Biological Sciences
Allen R. Barnes, Ph.D., Dean, College of Arts and Science
V. Duane Everrett, Ed.D., Acting Dean, Division of Education
Junis O. Storry, Ph.D., Dean, College of Engineering
Christopher P. Sword, Ph.D., Dean, Graduate School
Arnold J. Menning, Ph.D., Dean, College of General Registration
Ardyce Gilbert, Ph.D., Dean, College of Home Economics
Alton Raney, Ph.D., Dean of Library
Genevieve B. Johnson, D.Ed., Dean, College of Nursing
Raymond Hopponen, Ph.D., Dean, College of Pharmacy
James O. Pedersen, Ph.D., Dean, Student Services
Harvey E. Johnson, M.Ed., Registrar
Wesley A. Bugg, B.S., Director of Finance

NOTICE

South Dakota State University offers all educational programs, materials, and services to all people without regard to handicap, race, color, religion, sex or national origin, and is an Equal Opportunity Employer (Male/Female).

1977 Summer Edition

SOUTH DAKOTA STATE UNIVERSITY BULLETIN

Volume LXVII Number 1 February 1977

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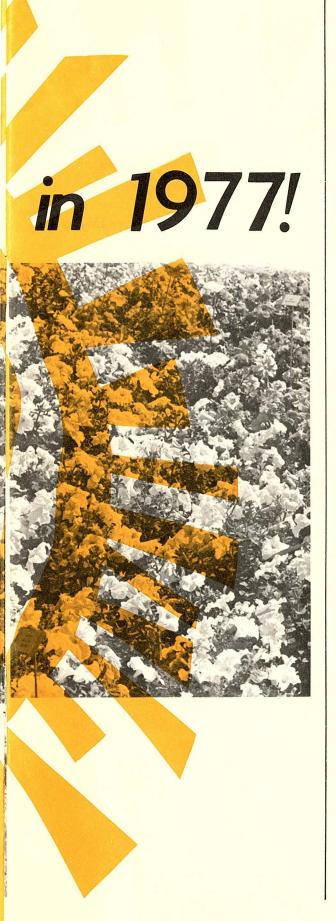
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SDSU...the place to be







application

Undergraduates—If you are seeking admission to the summer session complete an application for admission and send it to the Director of Admissions, South Dakota State University, before registration.

Graduates—New students with Bachelor's degrees should apply to the Graduate School at least two weeks prior to registration for Summer School in order to avoid delay. However, applications will be taken and processed the day of registration. Admission will be as a Special Student.

Students not wishing to enroll in over 10 hours of courses and not expecting to work toward a graduate degree may enroll as a transient student. A transcript need not be submitted, but certification of completion of a Bachelor's degree from an accredited institution is required.

housing

Residence hall rooms are available to all single students. Single students who have not completed four semesters of enrollment and whose parents do not reside in Brookings are required to live in residence halls unless permission to live elsewhere is granted by the Housing Office. Approximate costs are as follows:

Rooms	Summer Session Rent per Week	Workshops Rent per Night	
		W/linen	w/o linen
Double	\$12.50	\$4.50	\$2.50
Single	\$18.50	\$5.50	\$3.50

Meals are available at the University Student Center and local restaurants. Costs are estimated at \$15 to \$25 per week.

Students living in residence halls will need to furnish a mattress pad, pillow and blankets for a single bed. A rental linen service is available, however. Telephones are installed in each room.

Some campus furnished apartments for married students may be available for rent by subletting from student occupants, or from the University Housing Office, for \$77 to \$132 per month. Write to Director of Housing, South Dakota State University, Brookings, South Dakota 57006, regarding advance room reservation, renting a furnished apartment, or help in obtaining off-campus housing.

registration and related information

Registration for Interim Session - May 16-June 3

Students will report to the class. The instructor will release the students to register as per previous arrangements with Registrar's Office.

Registration for Second Four Week Session - July 5 - July 29

Students registering initially for four week courses report to Ad 101 for undergraduate students and Ad 132 for graduate students between the hours of 8-10 a.m. for processing.

Students already enrolled for either eight week courses, or first four week courses should process Add slips for additional second four week courses.

Workshops students will report to the class. The instructors will release the students to register as per previous arrangements with Registrar's Office.

Registration for First Four Week Session and Eight Week Session Monday, June 6, 1977 - 8:00 a.m. to 12:00 noon.

Graduate Students - Report to Graduate Office, Ad 132, for materials and instructions, then complete steps 3-14 of Registration Steps.

New Undergraduates not Previously Admitted - Report to Administration Building, Room 101, for materials and instructions, then complete steps 3-14 of Registration Steps.

All Newly Admitted and Re-admitted Undergraduate Students Who Received An Admission Letter —Report to Administration Building, Room 101, for materials and complete steps 3-14 of Registration Steps.

All Undergraduate Students Who Attended SDSU Spring Semester 1977 — Follow 1-14 of Registration Steps.

REGISTRATION STEPS

- Enter west door of Intramural Building (Old Gym).
- Report to Student Services desk for registration materials.
- Report to advisor to arrange schedule and complete tentative classification (center of Intramural Building).
- 4. Complete all blanks of Registration Permit.
- Complete other registration cards included in packet.
- 6. Pick up a course card at the department table for each course for which you are registered. The normal load for a four week session is four with a maximum of five credits. Eight week, eight credits with a maximum of nine credits. (A combination of the four and eight week sessions may be worked out within the limitations of each).

- Present classification card and registration permit to the fee slip writers to secure fee slip.
- Vehicle Registration: All students operating a vehicle on the campus who do not have the current 1976-77 decal must complete a vehicle registration card and purchase the identification decal at designated table.
- Present fee slip to room rent table for room charge if you are residing in the dormitory.
- 10. Present fee slip to totaling table.
- 11. Pay fees at cashier's station. All fees assessed by the fee slip writers are due on the day of registration. A late payment fee of \$5 starts on June 7 for failure to pay.
- 12. Activity Tickets: Pick them up at the cashier's station at time of payment. Students enrolled in a four or/and eight week session will be charged the fee.
- 13. Present the following to Students Services check desk:
 - (a) Completed registration permit.
 - (b) Classfication card with course cards arranged in the order listed.(c) Religious preference and other cards in packet.
 - (d) Paid fee slip.
- Veterans: Veterans eligible for benefits report to Veterans table in the intamural building.

LATE REGISTRATION

- Pick up registration materials -Undergraduates at Student Services, Graduates at Grad School.
- Go to Dean of your college for advisor assignment and complete quad schedule form and obtain add slips for every course you are entering.
- Report to departmental office for signature verifying ADD approval for each course added.
- If housing is needed, report to Housing Office, Ad 133, for assignment and assessment on your fee slip.
- 5. Return to Student Services for fee slip.
- Pay at cashier's Office (Check for Vehicle Registration).
- 7. Return to Student Services and turn in all materials.

A late registration fee of \$10 will be assessed for all late registrants beginning at 8:00 a.m., June 7.

WORKSHOP REGISTRATION

This is a separate registration.
Registration instructions will be given at the first meeting by the instructor in charge.

LOAD ADJUSTMENTS DEADLINES AND REFUNDS

Refunds. NO REFUNDS of tuition or fees for credits dropped after registration on June 6th except for a course discontinued or a time change from the published schedule causing student conflict. Students may drop and add equivalent credits without additional charges. Deviation from this policy will require an explanation from the student's Dean clearly establishing a refund reason beyond the control of the student and caused by the University. This must be accomplished within the established period for adds.

ADD AND LATE REGISTRATION DEADLINE

June 10 - Last day to enter a First Session course.

June 17 - Last day to enter an Eight Week courses.

July 8 - Last day to enter a Second Session course.

DROP DEADLINES

June 24 - Last day to drop a First Session course.

July 8 - Last day an Eight Week course may be dropped.

July 21 - Last day to drop a Second Session course.

WITHDRAWAL FROM THE UNIVERSITY

Students who desire to withdraw from the university must contact Student Services-Room 200, Administration Building. Failure to withdraw will result in F's in the courses.

Refunds will be issued following withdrawal according to the schedule below:

Period of student's at-

i chou of student's at-			
tendance. Official date	Percent of		
of registration to date	Tuition and		
of authorized and	Fees Refunded		
complete withdrawal.	4 week 8	week	
2 weeks or less	50%	60%	
Between 3 and 4 weeks	0%	20%	
Between 4 and 5 weeks	0%	0%	
Six Weeks or More	0%	0%	

LOAD ADJUSTMENTS PROCEDURES

Initiate all load adjustments through your faculty advisor.

- A separate "DROP from registration" or separate "ADD to registration" form must be completed for each section change. Forms are available from your advisor or Dean.
- DROP forms must be signed by advisor and department secretary for dropped course. Department secretary will retain the instructor's copy.
- 3. ADD forms must be signed by advisor and instructor for each added course.
- All DROP and ADD forms must be turned in at Student Services, Room 200, Administration Building, or processing will not occur.

FEES AND TUITION - CHARGES

Undergraduates: Pay tuition and all fees as indicated.

Graduate: Pay tuition and all fees as indicated.

Fellows and Graduate Assistants: Pay one-third resident tuition rate with fees optional except health fee.

Faculty: Faculty pay regular tuition with fees optional, except health fee (unless excused).

Auditor: The regular tuition and fees will be charged for auditing a course. Faculty, Fellows, Graduate Assistants, Research Assistants, and classified personnel on contract may audit without charge except for an application fee (\$15.00). (See Auditing Courses for registration procedure).

FEES AND TUITION SUMMER 1976**

Non-

Tuition: per

credit hour	Resident	Resident
Undergraduate	\$16.75	\$38.50
Graduate	27.50	52.50
Weeks: Normal cre	edit load	Maximum
4	4	5
8	8	9
General	4 credits	1-3.9
University Fees*	and up	credits
Health Service	\$ 8.50	\$ no fee
Student Center	7.80	3.90
Alumni	.70	.35
Student Assn.	.70	.35
Recreation	2.80	1.40
Theatre	1.80	.90
Collegian	.80	.40
Total	\$23.10	\$ 7.30

OTHER FEES: Charged where Late registration - beginning	applicable
8 a.m. on June 7	\$10.00
Late payment fee - on June 8	\$5.00
Swimming, Golf, Senior	
Life Saving	\$2.00
Prev Care inj (PE 354)	\$4.50
Home Management House	\$60.00

- * Students taking only Interim and Workshop courses are not charged General University nor Student Activity fees.
- fees.
 ** Subject to change pending Board of Regents approval in April 1977.

UNPENALIZED ELECTIVES

Students following the Bachelor's programs have the option of enrolling in up to 12 credits, but not more than one course per semester of unpenalized elective courses.

- These credits must be outside the student's major and may not serve to satisfy University, College, or Departmental core curriculum requirments.
- Enrollment must be specified at the beginning of the session by add slip registration after registraton day.
 ADD slip should carry notatin "unpenalized elective."
- A student may change from unpenalized elective to credit during the normal ADD period. A student may change from credit to unpenalized elective during the normal ADD period.
- The course must be satisfied in the normal manner - student is responsible for attending class, taking exams, completing assignments, etc.
- 5. The student will be required to take and receive a grade in all exams. These grades may direct that a midterm deficiency report be sent and may result in a final grade of "E" (Satisfactory) or "F" (Fail).
- 6. The grade received, whether "E" or "F" will be recorded on the student's permanent record, but will not count in the computation of the semester or cumulative grade point average. If the course is passed, the credits and two times that number of grade points will be counted for graduation.

AUDITING COURSES

Registration as an auditor must be accomplished by add slip procedure after classes begin.

Credit to audit changes will be allowed through the normal drop period.

Audit to credit changes will be allowed through the normal add period.

Audit credits will **not** be counted as a part of the student's load for figuring full-timne student status. A grade of satisfactory (E) or unsatisfactory (F) will be designated by the instructor. These grades are normally based on attendance.

TIME SCHEDULE

Lecture and Recitation Periods:

- 2 credits meet four 50 minute periods per week.
- 3 credits meet five 60 minute periods per week.
- 4 credits meet eight 50 minute periods per week.
- 5 credits meet ten 50 minute periods per week.

Period I — 6:50- 7:50 II — 8:00- 9:00 III— 9:10-10:10 IV—10:20-11:20 V—11:30-12:30 VI— 1:00- 2:00 VII— 2:10- 3:10 VIII— 3:20- 4:20 TBA— To be arranged

COURSE NUMBERS

Non-credit courses
1-99 pre-college or remedial level

Courses for Undergraduates Only 100-199 freshmen level 200-299 sophomore level

Courses primarily for Undergraduates (Open to graduate students for credits under restricted conditions with approval of Graduate Dean - see graduate catalog)

300-399 junior level 400-499 senior level 500-599

Courses for advanced undergraduates having necessary prerequisites, except for fifth year pharmacy courses, may not be used as a requirement for Bachelor's degree, nor for graduate credit.

600-699 Graduate level (double numbered 500-599) Courses for Graduate students.

700-799 Graduate credit only 800-899 Doctoral

Post-Baccalaureate Courses 900-999 Not for degree credit.

BUILDING ABBREVIATIONS

(
Ad	Administration
AE	Agricultural Hall
AC	Art Center
AR	ROTC Armory
CEH	Crothers Engineering Hall
DM	Dairy Microbiology
Gym	Gymnasium
HH	Harding Hall
HN	Home Economics-Nursing
Ho	Horticulture
IA	Industrial Arts
Lib	Library
MB	Music Building
PEC	Physical Education Center
PJ	Printing-Journalism
Ro	Rotunda for Arts & Science
SH	Shepard Hall
SB	Speech Building
SoH	Solberg Hall
SC	Student Center

departments

AGRICULTURAL ENGINEERING (AE)

(Eight Week Session)

470 Special Topics, 1-4 cr., (1-4, 0-2) TBA, Staff

On demand, Individual or group study. P, consent

595/695 Special Topics, 1-3 cr., TBA, Staff

770 Special Problems in AE, 1-3 cr., TBA, Staff

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

790 Thesis in AE, 5-7 cr., TBA, Staff

ANIMAL SCIENCE

(Eight Week Session)

591/691 Research Problems, *1-3 cr., TBA* Investigation of problems in following areas with results submitted as technical paper: Animal Breeding, Nutrition, Meats, Livestock Production, Reproductive Physiology, Wool Technology, Poultry.

592/692 Special Topics, *1-3 cr., TBA* Advanced study of one or more selected topics: breeding, management, product technology, physiology, nutrition, research methods or marketing.

731 Experimental Procedure, 2 cr., TBA Research methods and planning of experimental work, necessary records, interpretation of results and presentation of material. Introduction to research applications of linear programming. P, Stat 641 or equivalent.

790 Thesis, M.S., 5-7 cr.

890 Thesis, Ph.D.

ART (Art)

(Eight Week Session)

ArtS 113 Drawing I, 3 cr., Fredrick W. Bunce Development of visual perception in representational and expressive drawing with various media.

ArtS 123 Design I, 3 cr., Fredrick W. Bunce Studio approach to visual arts through critiques, lectures, and studio participation dealing with design fundamentals.

(Interim)

ArtS 113 Drawing I, 3 cr., Steven Mayes Development of visual perception in representational and expressive drawing with various media.

ArtS 222 Design III, 3 cr., C. Dennis Guastella Color, its action and interaction in relation to design properties. P, 123; recommended,

ArtS 396 Creative Photography, 3 cr., Donald Boyd

Creative Photography will emphasize the camera as an extension of the eye, a method of recording personal vision. This is not primarily a technique course. There is no prerequisite. An individual approach will be used so that students having much or little photography experience will be accommodated. You will need a camera with f stops and critical focusing ability. You will also need an exposure meter.

(Workshops and Special Events)

High School Summer Art Workshop, June 12-18, Steven Mayes, Coordinator; Registration, Sunday, June 12, 1-3

Drawing, M & T, June 13 & 14, 9 a.m. - noon and 1-4 p.m., Bunce

Painting, W & T, June 15 & 16, 9 a.m. - noon and 1-4 p.m., Guastella

3-Dimensional Design, FS, June 17-18, 9 a.m. - noon and 1-4 p.m., Boyd

AVIATION (Avia)

(First Session)

270 Introduction to Aviation, 2 cr., TBA, Paulson

Aerodynamics, principles of flying, civil air regulations, meteorology, radio and navigation.

(Eight Week Session)

272 Basic Flight Training, 2 cr., TBA, Leitzke Student gets a pre-solo time and his dual cross-country requirements completed. Preflight and postflight briefings held with each flight. P, Avia 270. Fee \$300.00

372 Advanced Flight Training, 2 cr., TBA, Leitzke

Covers advanced phases of flying, including solo, cross-country flights and all phases of flight training. Course given in full compliance with FAA regulations. P, Avia 272 or equivalent. Fee \$300.00.

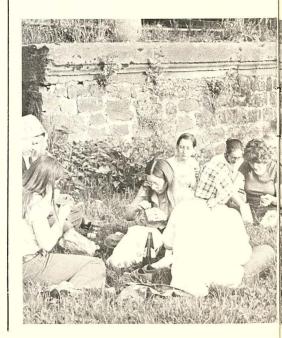
BOTANY-BIOLOGY (Bot-Bio)

(Eight Week Session)

Bio 371 Genetics, 3 cr.
Principles governing the nature, transmission and function of hereditary material with application to plants, animals, humans, and microorganisms. P, 153.

Bot 415 Plant Ecology, 4 cr., TBA Descriptions of plant communities, their dynamics and distribution. Environmental factors and their relationships with plants. Field trips. P, Bio 153.

Bot 790 Thesis in Botany, 1-7 cr., TBA



CHEMISTRY (Chem)

(Eight Week Session)

110 General Chemistry, 4 cr., Sec. 1; L, Sec. 51, Jensen

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

120 Elementary Organic Chemistry, 3 cr., Sec. 1, Brandwein

Compounds of carbon and emphasis on those of interest to students of Agriculture, Applied Science, Home Economics and Nursing. P, 110 or 112, Duplicate credit for Chem 120, 222 and 326 not allowed.

120 Elementary Organic Chemistry, 4 cr.,

Sec. 2., L, Sec. 51, Brandwein
Compounds of carbon and emphasis on
those of interest to students of Agriculture,
Applied Science, Home Economics and
Nursing. P, 110 or 112, Duplicate credit for
Chem 120, 222 and 326 not allowed.

121 Elementary Organic Chemistry
Laboratory, 1 cr., Brandwein

Laboratory, 1 cr., Brandwein
The laboratory portion of Chem 120 for those
who have completed 120 for 3 credits. P, 120.

260 Elementary Biochemistry, 4 cr., Sec. 1; L, Sec. 51, Grove

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

591/691 Special Problems, *1-4 cr.*, *TBA*, *Staff* Research problems in chemistry. Strongly recommended for senior chemistry majors. P, consent.

790 Thesis, TBA, Sec. 1, Staff

790 Thesis Sustaining, TBA, Sec. 2, Staff



CHILD DEVELOPMENT AND FAMILY RELATIONS (CDFR)

(First Session)

502/602 Seminar: Psychodynamics of the

Family, 2 cr., Sec. 1, Richardson Factors influencing the interaction between family members in the course of day-to-day relationships. Emphasis will be on the normal rather than the pathological and will consider communications, family rules, roles, etc.

544/644 American Woman, 2 cr., Melby Recent literature regarding changing role of woman, her developmental tasks and the unique contribution she has made in dynamic 20th century America. P, 342 or equivalent.

(Second Session)

502/602 Seminar: Children and Families in Crisis, 2 cr., Sec. 2, Me/by

Effects on and adjustment of the family to various crisis-producing situations. Nature of crisis and its impact on individual family members and their relationship to other family members and the community.

(Eight Week Session)

271 Experience in Human Relations, 3 cr.,

Sec. 1, Sec. 2, Sec. 3, Staff
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". By Reservation Only.

312 Human Development and Personality II:

Adolescence, 3 cr., Sec. 1, Hepler Knowledge and understanding of adolescence within the developmental framework. Dimensions of physical growth, biological changes, social, intellectual, and emotional development will be considered, as well as the impact of interaction of these forces on the individual. Emphasis is upon normal developmental patterns. P, 211, Psyc 101

472 Student Teaching Preschool Programs I,

4 cr., Sec. 1, Sec. 2, Sec. 3, Staff
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.

CIVIL ENGINEERING (CE)

(Interim)

CE 106 Elementary Surveying, 3 cr., TBA Use, adjustment, and care of surveying instruments; analysis of errors in observation. P, Math 120 or 113 and EG 112.

(Eight Week Session)

CE 595/695 Special Topics, *1-3 cr., TBA* Special topics in the field of Civil Engineering. P, consent.

CE 790 Thesis, 1-3 cr., TBA

(August)

CE 208 Engineering Surveys, 3 cr., TBA 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.

DAIRY SCIENCE (DS)

(First Session)

130 Elements of Dairying, 3 *cr.* Essentials of successful dairy farm operation, production testing, feeding, and management of dairy herd. Composition of milk; testing of milk for butterfat, milk solids and sanitary quality, and an examination of nutritive value of dairy products.

(Eight Week Session)

490 Special Problems in Dairy Science, 1-3 cr., TBA

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.

590/690 Dairy Science Problems, *1-3 cr.*, *TBA* Investigation of problems in dairy production or dairy manufacturing. Results submitted as a technical paper. P, consent.

790 M.S. Thesis in Dairy Science, TBA

890 Ph.D. Thesis in Dairy Science, TBA

ECONOMICS (Econ)

(Eight Week Session)

Actg 210 Principles of Accounting I, 3 cr. 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.

B-Ad 280 Personal Finance, 3 cr. Survey of personal budgets, uses of consumer credit, savings institutions, protective aspects of property and life insurance, home ownership, investment programs.

B-Ad 350 Business Law I, 3 *cr.* Legal rights and duties of parties to business transactions—contracts, agency, employment, commercial paper, personal property and bailments.

B-Ad 360 Organization Theory and Management Concepts, 3 cr.

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.

Econ 201 Principles of Economics I, 3 cr. 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.

Econ 202 Principles of Economics II, 3 cr. 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. P, 201.

Econ 402 Intermediate Microeconomics, 3

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.

Econ 481 Internship in Economics, 1-12 cr., TBA

Supervised field experience with commercial firm, bank, credit agency, or public agency to increase applicability of classroom learning to professional needs. Variety and educational value are emphasized. Job description by employer and final reports required. May be repeated for credit. P, junior standing, consent.

Econ 490 Economics Problems, 1-3 cr., TBA Individual study. May involve case studies, special reports, assigned readings, analysis of data and report preparation. Maximum of 4 hours. P, consent.

Econ 590/690 Special Problems, 1-3 cr., TBA Advanced work or special problems in agricultural cooperation, agricultural finance, farm management, land economics, marketing, public finance, statistics. Open to qualified seniors and graduate students by consent.

Écon 798 Advanced Microeconomics II, 2 cr. General equilibrium—exchange, production, money; welfare economics—efficiency, optimality; capital theory—investment, time, technology.

EDUCATION (Ed)

(Interim Session)

AHEd 500/600 Special Problems in

Extension, 2-6 cr., TBA, Everrett Individually assigned investigative problems in Extension. Individual conference with laboratory and/or field work. Arrangements with Extension staff must be made prior to registration.

AHEd 582/682 Seminar in Adult & Continuing Education, 1-3 cr., Sec. 2, TBA, Everrett 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.

AHEd 591/691 Problems in Adult and Continuing Education, 1-3 cr., TBA, Everrett

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.

CGPS 791 Special Problems in Guidance and Counseling, 1-3 cr., TBA, Lindstrom Directed reading and research in selected individual guidance and counseling problems. Designed to meet needs of graduate students in guidance and counseling.

EdAd 795 Problems in Educational Administration, 1-3 cr., TBA, Staff Selected studies to meet needs of advanced students. P, consent of instructor. Limited to 3 credits in graduate program.

SeEd 591/691 Problems in Education, 1-3 cr., TBA, Staff

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.

(First Session)

AgEd 470 Summer Experience in Agricultural Education, 1-2 cr., TBA, Hanson

Recommended for all Agricultural Education 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.

AgEd 505/605 Seminar in Agricultural Education, 2 cr., Hanson

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.

AgEd 506/606 Problems in Agricultural Education, 1-3 cr. TBA, Staff

AgEd 776 Curriculum in Agricultural Education, 2 cr.

For teachers and administrators of Vocational Agriculture/Agribusiness. Survey of studies and literature in field; principles and procedures in course building as applied to vocational agriculture/agribusiness. P, graduate student in Agricultural Education.

AgEd 792 Research Problems in Agricultural Education, 2 cr., TBA, Staff
Individual work. Problem selected, analyzed and data gathered and tested statistically. Reported in approved form. Consent of instructor.

AHEd 400 Field Practice Training in Extension, 2-5 cr., TBA, Everrett

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.

AHEd 500/600 Special Problems in Extension, 2-6 cr., TBA, Everrett

AHEd 582/682 Seminar in Adult & Continuing Education, Sec. 2, 1-3 cr., TBA, Everrett

AHEd 591/691 Problems in Adult & Continuing Education, 1-3 cr., TBA Everrett

CGPS 500/600 The Exceptional Child, 3 cr., Skidmore

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.

CGPS 503/603 Elementary School Guidance, $3\ cr.$

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.

CGPS 766 Group Counseling, 2 cr. 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 advance CG majors.

CGPS 791 Special Problems in Guidance and Counseling, 1-3 cr., TBA, Lindstrom

CGPS 792 Seminar in Current Trends and Issues in Counseling, 1 cr., TBA, Staff, Sec. 1

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

EdAd 710 Organization and Administration of Elementary Education, 2 cr., Jensen

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.

EdAd 735 School Law, 2 cr., Scholten Legal character of public schools; legal powers of school boards, administrators, and teachers; legal aspects of parent-childschool relationships. Emphasis will be placed on South Dakota school law. Alternates with Ed 772. P, Ed 713.

EdAd 782 Seminar, Sec. 1, 1-3 cr., TBA, Staff

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

EdAd 782 Seminar in School and Community Relations, Sec. 2, 2 cr.,

Exploring methods and techniques used to improve the relationship between schools and the communities they serve.

EdAd 795 Problems in Educational Administration, 1-3 cr., TBA, Staff

EIEd 573/673 Elementary School Curriculum, 2 cr.

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

EPsy 551/651 Mental Health & Personality Development, 3 cr.

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.

SeEd 287 Practicum and Professional Laboratory, 2 cr., Widvey

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.

SeEd 492 Problems in Education, 1-3 cr., TBA, Staff

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

SeEd 582/682 Educational Seminar, 1-3 cr., Sec. 1, TBA, Staff

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.

SeEd 582/682 Educational Seminar in Law Related Education, Sec. 2, 2 cr.

Materials related to legal problems currently encountered within the United States. Review of potential methods of including these materials into the existing social studies curriculum within school systems.

SeEd 582/682 Seminar in Questioning and Thinking, Sec. 3, 2 cr.

A structured set of experiences to explore, develop and apply questioning skills. Designed to help students ask and respond to questions at a higher cognitive level. Strategies will be examined to assist in providing opportunities for the students in organizing data to form concepts and generalizations.

SeEd 591/691 Problems in Education, 1-3 cr., TBA, Staff

SeEd 752 Improvement of Reading, 2 cr.

Description of normal process of development in reading skills and techniques which may be used in remedying deviations which hinder readers in speed or comprehension. Recommended for graduate students in Language Skills and Communications programs.

VTTE 525/625 Development of Vocational Education Thought and Practice, 3 cr., Gadda

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.

(Second Session)

AgEd 470 Summer Experience in Agricultural Education, 1-2 cr., TBA, Hanson

AgEd 506/606 Problems in Agricultural Education, 1-3 cr., TBA, Gadda

AgEd 792 Research Problems in Agricultural Education, 2 cr., TBA, Gadda

AHEd 400 Field Practice Training in Extension, 1-5 cr., TBA, Everrett

AHEd 500/600 Special Problems in Extension, 2-6 cr., TBA, Everrett

AHEd 582/682 Seminar in Adult & Continuing Education, Sec. 2, 1-3 cr., TBA, Everrett

AHEd 591/691 Problems in Adult & Continuing Education, 1-3 cr., TBA, Everrett

CGPS 530/630 Learning Disorders of

Children, 3 cr., Skidmore Overview of various learning deficits, remedial procedures, and consideration of psychological assessments.

CGPS 736 Appraisal of the Individual, 2 cr. 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.



CGPS 791 Special Problems in Guidance and Counseling, 1-3 cr., TBA, Lindstrom

CGPS, 792 Seminar in Current Trends and Issueş in Counseling, Sec. 2, 1 cr., TBA, Ivers

EdAd 730 School Finance, 2 cr.
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.

EdAg 782 Seminar, Sec. 1, 1-3 cr., TBA, Staff

EdAd 795 Problems in Educational Administration, 1-3 cr., TBA, Staff

EPsy 523/623 Adolescent Psychology, 3 cr. Physical, social, emotional, intellectual and vocational aspects of adolescent development. Emphasis is upon increasing understanding of adolescents and their problems.

SeEd 492 Problems in Education, 1-3 cr., TBA, Staff

SeEd 582/682 Educational Seminar, 1-3 cr., TBA, Staff

SeEd 682 Seminar in Individually Guided Instruction, Sec. 4, 2 cr.

An introduction to Individually Guided Instruction, at the secondary school level. Primarily a staff development process including: (1) tailoring instructional methods to meet needs of the individual student and; (2) employing a continuous improvement process that makes it possible for schools to evaluate what is being done and to implement the changes needed.

SeEd 591/691 Problems in Education, 1-3 cr., TBA, Staff

SeEd 753 Diagnosis and Remediation of Reading Problems, 2 cr., Staff
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; adaptation of techniques to classroom.

VTTE 731 Administration and Supervision of

Vocational Education, 3 cr., Hanson 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.

(Eight Week Session)

CGPS 410 Principles of Guidance, 2 cr., Lindstrom

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

CGPS 508/608 Humanistic Approaches to Teacher Effectiveness, 2 cr.

Skills in human relationships, developing potentials, resolving differences, active listening, avoiding roadblocks, developing congruency, using "no lose" method of resolving classroom conflicts. Developing learner responsibility, accepting others, communicating acceptance to others, "I Messages," changing the environment. P, permission of the instructor.

CGPS 510/610 Foundations of Guidance and

Personnel Services, 2 cr., Lindstrom
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.

CGPS 561/661 Theories of Counseling, 3 cr., Schmieding

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

CGPS 713 Administration and Operation of Guidance and Personnel Services, 3 cr., Staff

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

CGPS 742 Career Education and Occupational Information, 3 cr., Staff Using, reviewing, and evaluating occupational information. Sources and types of materials and occupational filing plans. Securing occupational information.

CGPS 787 Counseling Laboratory and Supervised Practicum, 3-5 cr., TBA, Sec. 1. Schmieding

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.

CGPS 787 Counseling Laboratory and Supervised Practicum, 3-5 cr., TBA, Sec. 2

CGPS 789 Internship in Counseling, 1-6 cr., TBA

CGPS 791 Special Problems in Guidance and Counseling, 1-3 cr., TBA, Lindstrom

CGPS 796 Research Project in GC, 2 cr., TBA, Staff

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.

EdAd 700 Public School Administration, 3 cr., Everrett

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.

School Supervision, 3 cr., Jensen
The nature of supervision, evaluation and instruction and teacher performance.

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

EdAd 789 Internship in Education, 1-6 cr., TBA

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.

EdAd 792 Research Problems in Educational Administration, 2 cr., TBA, Staff

Individual work. Problem 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.

EdAd 795 Problems in Educational Administration, 1-3 cr., TBA, Staff

EdEr 511/611 Advanced Educational

Measurements, 3 cr., Staff
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.

EdER 761 Introduction to Graduate Studies, 3 cr., Edeburn

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 graduate majors in education. P, Ed 613 or equivalent.

interim session — may 16-june 3

(ART (Art) ArtS 113 Drawing I, 3 cr., 9:00-11:00, MTWTF, Mayes

ArtS 222 Design III, 3 cr., 9:00-11:00, MTWTF. Guastella ArtS 396 Undergraduate Course

Special-Creative Photography, 3 cr., 9:00-11:00, MTWTF, Boyd

CIVIL ENGINEERING (CF)

CE 106 Elementary Surveying, 3 cr., TBA

EDUCATION (Ed)

AHEd 500/600 Special Problems in Extension, 2-6 cr., TBA, Everrett AHEd 582/682 Seminar in Adult & Continuing Education, 1-3 cr., Sec. 2,

TBA, Everrett AHEd 591/691 Problems in Adult & Continuing Education, 1-3 cr., TBA,

CGPS 791 Special Problems in Guidance and Counseling, 1-3 cr., TBA,

Lindstrom EdAd 795 Problems in Educational Administration, 1-3 cr., TBA, Staff SeEd 591/691 Problems in Education, 1-3

cr., TBA, Staff

GEOGRAPHY (Geog) Geog 380 Field Experience: North Western U.S.A., 3 cr., TBA, Opheim

MUSIC (Mus)

390/690 Independent Studies. Orchestration and Conducting, 1-3 cr., TBA, Royer

391/691 Directed Studies, Charles Ives, 1-2 cr., TBA, Johnson

POLITICAL SCIENCE (PolS)

483 Directed Studies: Field Trip to Washington, D.C., 3 cr., May 16-June 3

SPEECH (Sp)

DCom 432 Special Problems in Speech Reeducation, 1-2 cr., TBA GCom 392 Directed Studies, 1-3 cr., TBA MCom 560/660 Special Problems in Radio or Television or Film, 1-2 cr., TBA

SpCm 592/692 Special Problems in Oral Interpretation, 1-2 cr., TBA SpCm 594/694 Special Problems in Public

Address, 1-2 cr., TBA
Thea 590/690 Special Problems in Theatre, 1-2 cr., TBA

first session — june 6-july 1

AVIATION (Avia)

Introduction to Aviation, 2 cr., TBA

CHILD DEVELOPMENT AND FAMILY **RELATIONS (CDFR)**

502/602 Seminar: Psychodynamics of the Family, 2 cr., Sec. 1, 1:00-3:10, MTWT,

544/644 American Woman, 2 cr., 8:00-10:10, MTWT

DAIRY SCIENCE (DS)

130 Elements of Dairying, 3 cr., 8:00-11:20 MWF, DM 202; L., 8:00-10:10, TT, DM

EDUCATION (Ed)
AgEd 470 Summer Experience in Agricultural Education, 1-2 cr., TBA, Hanson AgEd 505/605 Seminar in Agricultural

Education, 2 cr., 1:00-3:10, MTTF, HN 167, Hanson AgEd 506/606 Problems in Agricultural

Education, 1-3 cr., TBA, Staff

AgEd 776 Curriculum in Agricultural Education, 2 cr., 10:20-12:30, MTTF, HN 127

AgEd 792 Research Problems in Agricultural Education, 2 cr., TBA, Staff AHEd 400 Field Practice Training in

Extension, 2-5 cr., TBA, Everrett AHEd 500/600 Special Problems in Extension, 2-6 cr., TBA, Everrett AHEd 582/682 Seminar in Adult &

Continuing Education, 1-3 cr., Sec. 2, TBA. Everrett

AHEd 591/691 Problems in Adult & Continuing Education, 1-3 cr., TBA, Everrett

CGPS 500/600 The Exception Child, 3 cr., 1:00-3:10, MTWTF, HN 127; Skidmore CGPS 503/603 Elementary School Guidance, 3 cr., 3:20-4:20, MTWTF, HN

CGPS 766 Group Counseling, 2 cr., 8:00-10:10, MTTF, HN 127

CGPS 791 Special Problems in Guidance and Counseling, 1-3 cr., TBA, Lindstrom

CGPS 792 Seminar in Current Trends and Issues in Counseling, 1 cr., TBA, Staff EdAd 710 Organization and Administration

of Elementary Education, 2 cr., 1:00-3:10, MTTF, HN 125, Jensen EdAd 735 School Law, 2 cr., 6:50-9:00,

MTTF, Ro G, Scholten EdAd 782 Seminar, Sec. 1-3 cr., TBA, Staff EdAd 782 Seminar in School and Community Relations, Sec. 2, 2 cr., 8:00-10:10, MTTF, HN 157

EdAd 795 Problems in Educational Administration, 1-3 cr., TBA, Staff EIEd 573/673 Elementary School

Curriculum, 2 cr., 10:20-12:30, MTWTF, Ro G

EPsy 551/651 Mental Health & Personality Development, 3 cr., 10:20-12:30, MTWTF, HN 159
SeEd 287 Practicum and Professional

Laboratory, 2 cr., 8:00-10:10, MTTF, HN 159. Widvey

Seed 492 Problems in Education, 1-3 cr., TRA Staff

SeEd 582/682 Educational Seminar, Sec. 1, 1-3 cr., TBA, Staff

SeEd 582/682 Seminar in Law Related Education, Sec. 1, 2 cr., 1:00-3:10, MTTF, HN 157

SeEd 582/682 Seminar in Questioning and Thinking, Sec. 3, 2 cr., 10:20-12:30, MTTF, HN 157 SeEd 591/691 Problems in Education, 1-3

cr., TBA, Staff

SeEd 752 Improvement of Reading, 2 cr., 8:00-10:10, MTTF, HN 363 VTTE 525/625 Development of Vocational Education Thought and Practice, 3 cr., 1:00-3:10, MTWTF, HN 169, Gadda

ENGLISH (Engl)

592/692 Seminar in American Indian Literature, 3 cr., 10:20-12:20, MTWTF, HN 110, Marken

FOREIGN LANGUAGES (FL)

Span 201 Second-Year Spanish, 3 cr., 9:10-11:20, MTWTF, HN 169 Span 490 Directed Study in Spanish, 1-3 cr.,

HEALTH, PHYSICAL EDUCATION AND RECREATION (HPER)

HIth 159 Emergency Medical Care, 2 cr., 11:00-12:40, MTWT, PEC 104

HPER 582/682 Seminar-Adult Fitness and Cardiac Rehabilitation, 2 cr., 7:20-9:00, MTWT, PEC 120

HPER 742 Psycho-Social Aspects of Sport, 2 cr., 9:00-10:40, MTWT, PEC 274

PE 100 Beginning Swimming, Sec. 1, 1 cr.,6:50-7:50, MTWTF, NAT PE Tennis, Sec. 2, 1 cr., 9:10-10:10, MTWTF,

PE Archery, Sec. 3, 1 cr., 1:00-2:00, MTWTF,

PEC PE/PT 354 Prevention and Care of Athletic Injuries, 2 cr., 9:00-10:40, MTWT, PEC

PE/PT 450 Exercise Physiology, 3 cr., 10:40-12:40, MTWTF, PEC 120

HOME ECONOMICS (HE)

HE 442 Home Management House Lab, 3 cr., 3:00-5:00, MW, MGTHo, Westbrook

HE 790 Thesis, 1-4 cr., TBA HE 701 Seminar, 1 cr., TBA

HEd 741 Supervision in Home Economics Education, 2 cr., 10:20-12:30, MTWT, HN 373

MECHANIZED AGRICULTURE (MA)

MA 452 Teaching Agricultural Mechanics, 2 cr., (1,3), 3:20-5:20, MTTF, AE 131B,

MA 490 Special Problems in Mechanized Agriculture, 1-3 cr., TBA, Staff 502/602 Advanced Irrigation Mechanics

and Practices, 2 cr., 9:10-10:10, MTTF, AE 208; L., 1:00-2:00, MTTF, Chu

522/622 Advanced Farm Structures, 2 cr., R., 10:20-11:20, MTTF, AE 208; L., 1:30-12:30, MTTF, Young

582/682 Advanced Farm Engines, 2 cr., R., 6:50-7:50, MTTF, AE 208; L., 8:00-9:00, MTTF, Kimmons

MUSIC (Mus)

MuAp 110/210 Individual Instruction in Keyboard, 1 cr., TBA MuAp 310/410 Individual Instruction in

Keyboard, 2 cr., TBA
MuAp 120/220 Individual Instruction in
Woodwinds, 1 cr., TBA

MuAp 320/420 Individual Instruction in Woodwinds, 2 cr., TBA

MuAp 130/230 Individual Instruction in Brass, 1 cr., TBA MuAp 330/430 Individual Instruction in

Brass, 2 cr., TBA MuAp 140/240 Individual Instruction in Percussion, 1 cr., TBA

MuAp 340/440 Individual Instruction in Percussion, 2 cr., TBA
Mus 100 Music Appreciation, TBA

Mus 300 Jazz, Rock and Blues Survey, TBA Mus 590/690 Independent Studies,

Pedagogy, Sec. 1, 3 cr., TBA Mus 590/690 Independent Studies Counterpoint, Sec. 2, 3 cr., TBA

Mus 590/690 Independent Studies, Forms and Analysis, Sec. 2, 2-3 cr., TBA Mus 590/690 Independent Studies,

Conducting, Sec. 4, 2 cr., TBA Mus 591/691 Directed Studies, Special, Sec. 2, 1-3 cr., TBA

PHILOSOPHY (Phil)

455 Special Problems: Freedom and Determinism, TBA

RURAL SOCIOLOGY (Soc)

Anth 398 Practicum in Anthropology, 3-12 cr., TBA, Hannus

Anth 421 Indians of North America, 3 cr., 6:50-8:50, MTWTT, Ro B, Satterlee Anth 590/690 Special Problems in

Sociology, 1-3 cr., TBA, Saterlee Soc 362 Population Problems, 3 cr., 1:00-3:00, MTWTF, Ro B, Riley

Soc 490 Special Problems in Sociology, 1-3 cr., TBA, Satterlee

Soc 491 Sociology, Seminar, 1 cr., TBA, 1st meeting June 7, 4:00, Scobey 213, Anson

Soc 492 Practicum in Sociology, 3-12 cr., TBA Faltemier

Soc 560/660 Social Demography, 2 cr., 10:20-12:00, MTWT, Sco 030, Wagner Soc 712 Sociological Theory I, 3 cr.,

11:30-1:30, MTWTF, Scobey 213, Riley Soc 780 Special Problems in Sociology, 1-3 cr., TBA, Saterlee

Soc 781 Internship in Planning, 1- cr., TBA, Dimit

Soc 790 Thesis, M.S., TBA

Soc 791 Seminar: Sociology of Planning, 3 cr., 8:00-10:00, MTWTF, Sco 030, Dimit Soc 890 Thesis, Ph.D., TBA

SECRETARIAL SCIENCE (OEd)

134 Card Punch, 1 cr., TBA

SPEECH (Sp)

DCom 335 Diagnostic Methods in Speech Disorders, 3 cr., 8:00-10:00, MTWTF, CEH 218, Meyer

DCom 432 Special Problems in Speech Reeducation, 1-2 cr., TBA

SpCm 101 Fundamentals of Speech, Sec. 1, 3 cr., 6:50-9:00, MTWTF, PH 214 MCom 560/660 Special Problems in Radio or Television or Film, 1-2 cr., TBA

SpCm 552/652 General Semantics, 3 cr., 1:00-3:10, MTWTF, HN 110, Ferguson

SpCm 592/692 Special Problems in Oral Interpretation, 1-2 cr., TBA SpCm 594/694 Special Problems in Public

Address, 1-2 cr., TBA SpCm 790 Thesis, 1-7 cr., TBA

Thea 590/690 Special Problems in Theatre, 1-2 cr., TBA

South Dakota State University

second session — july 5-29

CHILD DEVELOPMENT AND FAMILY RELATIONS (CDFR)

502/602 Seminar: Children and Families in Crisis, 2 cr., Sec. 2, 8:00-10:10, MTWTF, HN 363, Melby

EDUCATION (Ed)

AgEd 470 Summer Experience in Agricultural Education, 1-2 cr., TBA, Hanson

AgEd 506/606 Problems in Agricultural Education, 1-3 cr., TBA, Gadda AgEd 792 Research Problems in

Agricultural Education, 2 cr., TBA, Gaadda

AHEd 400 Field Practice Training in Extension, 2-5 cr., TBA, Everrett AHEd 500/600 Special Problems in

Extension, 2-6 cr., TBA, Everrett AHEd 582/682 Seminar in Adult & Continuing Education, Sec. 2, 1-3 cr.,

TBA, Everrett
AHEd 591/691 Problems in Adult & Continuing Education, 1-3 cr., TBA,

CGPS 530/630 Learning Disorders of Children, 3 cr., 1:00-3:10, MTWTF, HN 169, Skidmore

CGPS 736 Appraisal of the Individual, 2 cr., 8:00-10:10, MTTF, HN 127

CGPS 791 Special Problems in Guidance and Counseling, 1-3 cr., TBA, Lindstrom
CGPS 792 Seminar in Current Trends and

Issues in Counseling, Sec. 2, 1 cr., TBA,

EdAd 730 School Finance, 2 cr., 10:20-12:30, MTTF, HN 159 EdAd 782 Seminar, Sec. 1, 1-3 cr., TBA,

EdAd 795 Problems in Educational Administration, 1-3 cr., TBA, Staff

EPsy 523/623 Adolescent Psychology, 3 cr., 10:20-12:30, MTWTF, HN 127 SeEd 492 Problems in Education, 1-3 cr.,

TBA. Staff SeEd 582/682 Educational Seminar, 1-3 cr.,

TBA, Staff

SeEd 682 Seminar in Individually Guided Instruction, Sec. 4, 2 cr., 10:20-12:30, MTTF, HN 157

SeEd 591/691 Problems in Education, 1-3 cr TBA Staff

SeEd 753 Diagnosis and Remediation of Reading Problems, 2 cr., 1:00-3:10, MTTF, HN 167, Staff

VTTE 731 Administration and Supervision of Vocational Education, 3 cr., 8:00-10:10, MTWTF, CEH 316, Hanson

FOREIGN LANGUAGES (FL)

Span 202 Second-Year Spanish, 3 cr., 2:10-11:20, MTWTF, HN 169 Span 490 Directed Study in Spanish, 1-3 cr., TRA

HEALTH, PHYSICAL EDUCATION AND RECREATION (HPER)

PE 100 Golf, Sec. 4, 1 cr., 6:50-7:50, MTWTF,

PE 100 Handball-Racquetball, Sec. 5, 1 cr., 8:00-9:00, MTWTF, PEC HPER 741 Philosophy of HPER, 3 cr., 1:00-3:00, MTWTF, PEC 274

HPER 760 Motor Learning and

Development, 3 cr., 8:00-10:00, MTWTF, PEC 274

HIth 760 Advanced Administration of School Health Programs, 2 cr., 10:20-12:00, MTWT, PEC 274

MUSIC (Mus)

MuAp 120/220 Individual Instruction in

Woodwinds, 1 cr., TBA MuAp 320/420 Individual Instruction in Woodwinds, 2 cr., TBA

MuAp 130/230 Individual Instruction in Brass, 1 cr., TBA

MuAp 330/430 Individual Instruction in Brass, 2 cr., TBA
MuAp 140/240 Individual Instruction in

Percussion, 1 cr., TBA

MuAp 340/440 Individual Instruction in Percussion, 2 cr., TBA

Mus 590/690 Independent Studies, Music Education II, Sec. 5, 1-3 cr., TBA Mus 590/690 Independent Studies,

Pedagogy, Sec. 6, 1-3 cr., TBA Mus 591/691 Directed Studies, 1-2 cr., TBA

RURAL SOCIOLOGY (Soc) (Anth)

Anth 398 Practicum in Anthropology, 3-12

cr., TBA, Hannus

Anth 590/690 Special Problems in Anthropology, 1-3 cr., TBA, Saterlee Soc 490 Special Problems in Sociology, 1-3 cr., TBA Saterlee

Soc 492 Practicum in Sociology, 3-12 cr.,

tBA, Faltemier Soc 780 Special Problems in Sociology, 1-3

cr., TBA, Satterlee Soc 781 Internship in Planning, 1-6 cr., TBA, Dimit

Soc 790 Thesis, M.S., TBA Soc 890 Thesis, Ph.D., TBA

SPEECH (Sp)

DCom 432 Special Problems in Speech

Reeducation, 1-2 cr., TBA MCom 560/660 Special Problems in Radio

or Television or Film, 1-2 cr., TBA

SpCm 592/692 Special Problems in Oral Interpretation, 1-2 cr., TBA

SpCm 594/694 Special Problems in Public Address 1-2 cr TBA

Thea 590/690 Special Problems in Theatre, 1-2 cr., TBA

eight-week s

AGRICULTURAL ENGINEERING (AE)

470 Special Topics, 1-4 cr., (1-4,0-2), TBA 595/695 Special Topics, 1-3 cr., TBAa, Staff 770 Special Problems in Agricultural

Engineering, 1-3 cr., TBA, Staff 790 Thesis, 5-7 cr., TBA, Staff

ANIMAL SCIENCE (AS)

591/691 Research Problems, 1-3 cr., TBA 592/692 Special Topics, 1-3 cr., TBA 731 Experimental Procedure, 2 cr., TBA 790 Thesis, M.S., 5-7 cr., 890 Thesis Ph.D.

ART (Art)

Art S 113 Drawing I, 3 cr., 10:20-11:20, MTWTF, Bunce ArtS 123 design I, 3 cr., 9:10-10:10, MTWTF, Bunce

AVIATION (Avia)

272 Basic Flight Training, 2 cr., TBA, Leitzke 372 Advanced Flight Training, 2 cr., TBA, Leitzke

BOTANY-BIOLOGY (Bot-Bio)

Bio 371 Genetics, 3 cr., 10:20-11:20, MTWTF, DM 112 Bot 415 Plant Ecology, 4 cr., TBA Bot 790 Thesis, 1-7 cr., TBA

CHEMISTRY (Chem)

110 General Chemistry, 4 cr., Sec. 1, 10:20-11:20, MTWTF, Sh 210, L., Sec.

51, 1:00-4:00, MW, Jensen 120 Elementary Organic Chemistry, Sec. 1, 3 cr., 8:00-9:00, MTWTF, Sh 210, Brandwein

120 Elementary Organic Chemistry, Sec. 2, 4 cr., 8:00-9:00, MTWTF, Sh 210, L., Sec. 51, 1:00-4:00, MW Brandwein

121 Elementary Organic Chemistry Laboratory, 1 cr., 1:00-4:00, MW, Brandwein 260 Elementary Biochemistry, 4 cr., Sec. 1,

8:00-9:00, MTWTF, Sh 212, Sec. 51, 1:00-4:00, TT, Grove 591/691 Special Problems, 1-4 cr., TBA,

Staff 790 Thesis, TBA, Sec. 1, Staff

790 Thesis Sustaining, TBA, Sec. 2, Staff

CHILD DEVELOPMENT AND FAMILY RELATIONS (CDFR)

271 Experience in Human Relations, 3 cr., Sec. 1, 9:10-12:40, MTWT, 11:30-12:30, F; Sec. 2, 9:10-12:40, MTWT, 11:30-12:30, F; Sec. 3, 1:00-4:30, MTWT, 11:30-12:30, F, PH; 312 Human Development and Personality

II: Adolescence, 3 cr., Sec. 1, 1:00-2:00, MTWTF, Hepler, HN 159

472 Student Teaching in Preschool Programs I, 4 cr., Sec. 1, 9:10-1:10, MTWT, 11:30-12:30, F; Sec. 2, 9:10-10:10, MTWT, 11:30-12:30, F; Sec. 3, 1:00-5:00, MTWT, 11:30-12:30, F, PH

CIVIL ENGINEERING (CE)

595/695 Special Topics, 1-3 cr., TBA 790 Thesis, 1-3 cr., TBA

DAIRY SCIENCE (DS)

490 Special Problems in Dairy Science, 1-3 cr., TBA 590/690 Dairy Science Problems, 1-3 cr.,

TBA 790 Thesis, M.S., TBA 890 Thesis, Ph.D., TBA

ession — june 6-july 29

ECONOMICS (Econ)

Actg 210 Principles of Accounting I, 3 cr., 11:30-12:30, MTWTF, DM 112 B-Ad 280 Personal Finance, 3 cr., 10:20-11:20, MTWTF, AgH 139

B-Ad 350 Business Law I, 3 cr., 8:00-9:00, MTWTF, AgH 139

B-Ad 360 Organization Theory and Management Concepts, 3 cr., 10:20-11:20, MTWTF, Ro F

Econ 201 Principles of Economics I, 3 cr., 8:00-9:00, MTWTF, DM 208
Econ 202 Principles of Economics II. 3 cr...

9:10-10:10, MTWTF, DM 208

B-Ad 280 Personal Finance, 3 cr. 10:20-11:20, MTWTF, DM 208 Econ 402 Intermediate Microeconomics, 3

cr., 11:30-12:30, MTWTF, DM 208 Econ 481 Internship in Economics, 1-12 cr.,

Econ 490 Economic Problems, 1-3 cr., TBA Econ 590/690 Special Problems, 1-3 cr., TRA

Econ 798 Advanced Microeconomics II. 2 cr., 9:10-10:00, MTWT, AgH 139

EDUCATION (Ed)

CGPS, 410 Principles of Guidance, 2 cr., 11:30-12:30, MTTF, SoH 202, Lindstrom

CGPS 508/608 Humanistic Approaches to Teacher Effectiveness, 2 cr., 2:10-3:10, MTTF, Ro B

CGPS 510/610 Foundations of Guidance and Personnel Services, 2 cr., 11:30-12:30, SoH 202

CGPS 561/661 Theories of Counseling, 3 cr., 8:00-9:00, MTWTF, SoH 202, Schmieding

CGPS 713 Administration and Operation of Guidance and Personnel Services, 3 cr., 10:20-11:20, MTWTF, SoH 202, Staff

CGPS 742 Career Education and Occupational Information, 3 cr. 9:10-10:10, MTWTF, SoH 202, Staff

CGPS 787 Counseling Laboratory and Supervised Practicum, Sec. 1, and Sec. 2, 3-5 cr., TBA, Schmieding
CGPS 789 Internship in Counseling, 1-6 cr.,

CGPS 791 Special Problems in Guidance and Counseling, 1-3 cr., TBA,

Lindstrom

CGPS 796 Research Project in Guidance and Counseling, 2 cr., TBA, Staff EdAd 700 Public School Administration, 3 cr., 2:10-3:10, MTWTF, HN 159, Everrett

EdAd 715 Elementary and Secondary School Supervision, 3 cr., 8:00-9:00, MTWTF Ro C Jensen

EdAd 789 Internship in Education, 1-6 cr., TRA

EdAd 792 Research Problems in Education Administration, 2 cr., TBA, Staff EdAd 795 Problems in Educational Administration, 1-3 cr., TBA, Staff

EdER 511/611 Advanced Educational Measurements, 3 cr., 1:00-2:00, MTTF,

EdER 761 Introduction to Graduate Studies, 3 cr., 6:50-7:50, MTWTF, HN 125, Edeburn

EdEn 339 Introduction to American Education, 2 cr., 11:30-12:30, MTTF, CEH 219, Edeburn

EdEn 530/630 Current Trends in Education 2 cr., 1:00-2:00, MTTF, RoF

EPsy 302 Educational Psychology, 2 cr., 1:00-2:00, MTTF, Ro C, Foreman SeEd 450 Teaching of Reading, 3 cr.,

11:30-12:30, MTWTF, Ro C SeEd 492 Problems in Education, 1-3 cr.,

TBA, Staff SeEd 540/640 Secondary School Curriculum, 2 cr., 9:10-10:10, MTTF, Ro E, Luchsinger

SeEd 789 Internship, 1-6 cr., TBA SeEd 792 Research Problem in Education, 2 cr., TBA, Staff

ELECTRICAL ENGINEERING (EE)

557/657 Special Topics in Electrical Engineering, 1-3 cr., TBA

590/690 Special Electrical Problems 1-3 cr., TBA

790 Thesis in Electrical Engineering, 5-7 cr., TBA

ENGINEERING MECHANICS (EM)

221 Statics, 3 cr., 8:00-9:00, MTWTF, CEH

222 Dynamics, 3 cr., 10:20-11:20, MTWTF, CEH 219

321 Mechanics of Materials, 3 cr., 9:10-10:10 MTWTF CFH 213

331 Fluid Mechanics, 3 cr., 8:00-9:00, MTWTF, CEH 219

ENGLISH (Eng)

101 Freshman Composition, 3 cr., 8:00-9:00, MTWTF, HN 110, West

218 Introduction to Literature, 3 cr., 11:30-12:30, MTWTF, HN 167, Yarbrough

256 Literature of the American West. 2 cr... 9:10-10:10, MTWT, HN 110, Woodard

300 Junior Composition, 3 cr., Sec. 1, 8:00-9:00, MTWTF, HN 167, Evans; Sec. 2, 9:10-10:10, MTWTF, HN 167,; Sec. 3, 11:30-12:30, MTWTF, HN 125, Williams

303 Advanced Exposition, 3 cr., 10:20-11:20, MTWTF HN 125, Woodard

310 Mythology and Literature, 3 cr., 11:30-12:30, MTWTF, HN 169, Witherington

393 Undergraduate Course Special; The Poetry of Love: Classic to Modern, 3 cr., 10:20-11:20, MTWTF, HN 205, West

543/643 Development of the English Language, 2 cr., 8:00-9:00, MTWTF, HN 253, E. Evans

595/695 Seminar in American Literature Hemingway, 3 cr., 9:10-10:10, MTWTF, HN 253, Williams

597/697 Teaching Creative Writing and Poetry, 2-3 cr., 10:20-11:20, MTWTF, HN 253, D. Evans

ENTOMOLOGY-ZOOLOGY (Ent-Zool)

Ent 491 Special Topics in Entomology, 1-3 Cr. TBA

Ent 591/691 Special Topics in Entomology, 1-3 cr., TBA
Ent 761 Taxonomy of Insect Groups, 1-3 cr.,

Ent 790 Thesis in Entomology, 5-7 cr., TBA Zool 221 Anatomy, 3 cr., R, 8:00-9:00, MTWTF, ASC 126; L., 10:00-12:00, TT, Thibodeau

Zool 497 Special Topics in Zoology, 1-3 cr.,

Zool 597/697 Special Topics in Zoology, 1-3

Zool 790 Thesis in Zoology, 5-7 cr., TBA

GEOGRAPHY (Geog)

219 Geography of South Dakota, 3 cr., 10:20-11:20, MTWTF, Ro C, Hogan 351 Economic Geography, 3 cr., 9:10-10:10,

MTWTF, Ro G, Hogan 383 Cartography, 3 cr., 6:30-9:00 p.m., TT,

Adm. 301, Opheim 390 Special Problems, Sec. 2, 1-4 cr., TBA,

476 Historical Geography of South Dakota, 3 cr., 11:30-12:30, MTWTF, Ro F, Ostergren 483 Air Photo Interpretation 3 cr.

1:00-2:00, MTWTF, Sco 030, Samuelson

520/620 Advanced Regional Studies in Geography: Regional Land Inventory Analysis, 3 cr., 10:20-11:20, MTWTF, Sco 030, Samuelson

790 Thesis in Geography, M.S., 1-6 cr., TBA, Staff

792 Special Problems in Geography: Topical, 1-4 cr., TBA, Hogan

HEALTH SCIENCE (HSc)

212 Contemporary Health Problems, 2 cr., 8:00-9:00, MTWT, HN 125, Blazey

443 Public Health Science, 3 cr., 9:10-10:10, MTWTF. HN 125. Blazev

HISTORY (Hist)

265 History of the American West, 3 cr., 1:00-2:00, MTWTF, Ro E, Opheim

322 Ancient History, 3 cr., 9:10-10:10, MTWTF, Ro F, Bell
355 Civil War and Reconstruction, 3 cr.,

10:20-11:20, MTWTF, Ro E, Sweeney

357 America Between the Wars, 1918-1941, 3 cr., 11:30-12:30, MTWTF, Ro E, Bell 393 Nazi Germany, 3 cr., 8:00-9:00, MTWTF,

Ro F, Crain 476 Historical Georgraphy of South Dakota,

3 cr., 11:30-12:30, MTWTF, Ro F, Osteraren

492 Special Problems, 2-4 cr., TBA, Adm 310. Staff

692 Special Problems, 1-4 cr., TBA, Sco

HOME ECONOMICS (HE)

471 Practicum in Business, 8 cr., TBA 482 Practicum in Extension, 8 cr., TBA

HORTICULTURE-FORESTRY (Ho, F, Pr,

La) Ho 471 Problems, 1-2 cr., TBA La 471 Problems, 1-2 cr., TBA

PR 471 Problems, 1-2 cr., TBA PR 472 Professional Internship in Parks. 3-12 cr., TBA

F 471 Problems, 1-2 cr., TBA

JOURNALISM (J)

MCom 313 Publicity Methods, 2 cr., 9:10-10:10, MTWT, PJ 206S

MCom 413 Journalism Internship, 1-4 cr., TRA

MCom 450 Special Problems in Journalism,

1-3 cr., TBA MCom 573/673 Public Relations, 3 cr., 8:00-9:00, MTWTF, PJ 206S MCom 551/651 Special Problems in

Communication, 1-3 cr., TBA MCom 790 Thesis, 1-6 cr., TBA MCom 791 Research Methods in Communication, 3 cr., TBA

MATHEMATICS (Math)

111 College Algebra, 3 cr., 6:50-7:50, MTWTF, HN 127

225 Mathematical Analysis III, 3 cr., 10:20-11:20 MTWTF HN 167

321 Differential Equations, 3 cr., 6:50-7:50, MTWTF, HN 167

MICROBIOLOGY (Micr)

231 General Microbiology, 4 cr., R, 8:00-9:00, DM 112; L., 9:10-11:20, MTTF. Baker

441 Microbiology Problems, 1-3 cr., TBA, Staff

790 Thesis in Microbiology, 1-7 cr., TBA,

PHILOSOPHY (Phil)

225 Introduction to Ethics, 3 cr., 8:00-9:00. MTWTF, Ro E

PHYSICS (Phys)

331 Atomic Physics, 3 cr., 9:10-10:10, MTWTF. Ro B

495 Special Topics, 1-3 cr., TBA

PLANT SCIENCE (PS)

490 Special Problems, 1-4 cr., TBA 700 Special Topics, 1-6 cr., (1,3), TBA

780 Advanced Special Problems, 1-2 cr., TBA

790 Thesis, M.S., 5-7 cr., TBA

890 Thesis, Ph.D., TBA

POLITICAL SCIENCE (PolS)

100 American Government, 3 cr., 8:00-9:00, MTWTF, HN 169

210 State and Local Government, 3 cr., 11:30-12:30, MTWTF, HN 363

320 Public Administration 3 cr., 9:10-10:10, MTWTF, SoH 101

343 The U.S.S.R, 3 cr., 10:20-11:20, MTWTF, HN 363

481 Field Experience and Student Internship in Political Science, 3-9 cr.,

483 Directed Studies, 4-5 cr., TBA 592/692 Special Problems in Political Science, 1-3 cr., TBA

PSYCHOLOGY (Psyc)

101 General Psychology, 3 cr., Sec. 1, 8:00-9:00, MTWTF, CEH 319: Sec. 2,10:20-11:20, MTWTF, Ad 308

202 Advanced General Psychology, 3 cr., 11:30-12:30, MTWTF, Ro B

331 Business and Industrial Psychology, 3 cr., 9:10-10:10, MTWTF, Ro C 441 Social Psychology, 3 cr., 10:20-11:20,

MTWTF, CEH 319
451 Psychology of Abnormal Behavior, 3
cr., 8:00-9:00, MTWTF, SoH 101

488 Practicum for Psychological Technicians, 12 cr., TBA

491 Problems in Psychology, 1-3 cr., TBA 497 Field Work in Psychology, 3-12 cr., TBA

RELIGION (Rel)

237 Religion in America 3 cr. 11:30-12:30 MTWTF, CEH 213

338 World Religions, 3 cr., 10:20-11:20, MTWTF, PH 214

RURAL SOCIOLOGY (Soc) (Anth)

Anth 398 Practicum in Anthropology, 3-12 cr., TBA, Hannus Anth 590/690 Special Problems in

Anthropology, 1-3 cr., TBA, Satterlee Soc 100 Introduction to Sociology, 3 cr.,

8:00-9:00, MTWTF, Ro B, Butterbrodt Soc 270 Introduction to Social Work, 3 cr.,

8:00-9:00, MTWTF, AD 308, Faltemier Soc 351 Crime and Delinquency, 3 cr., 10:20-11:20, MTWTF, Ro B,

Mendolsohn Soc 490 Special Problems in Sociology, 1-3 cr., TBA, Satterlee

Soc 491 Sociology Seminar, 1 cr., TBA, Faltemier

Soc 492 Practicum in Sociology, 3-12 cr., TBA. Faltemier Soc 780 Special Problems in Sociology, 1-3

cr., TBA, Satterlee Soc 781 Internship in Planning,-16 cr., TBA,

Dimit

Soc 790 Thesis, M.S., TBA Soc 791 Seminar in Sociology: Sociology of Revolution, 3 cr., 1 st meeting, June 7, 3:00, Scobey 213, Hess Soc 890 Thesis, Ph.D., TBA

SECRETARIAL SCIENCE (OEd)

111 Beginning Typewriting, 2 cr., 10:10-12:30, MTWTF, WEC

122 Shorthand II, 4 cr., 1:00-3:30, MTWTF, WEC

SPEECH (Sp) SpCm 101 Fundamentals of Speech, Sec. 2, 3 cr., 11:30-12:30, MTWTF, PH 214, Staff

SpCm 101 Fundamentals of Speech, Sec. 3, 3 cr., 9:10-10:10, MTWTF, PH 214, Staff Thea 135 Theatre Activities—Acting, 1 cr., TBA

Thea 145 Theatre Activities—Technical Theatre, 1 cr., TBA

Thea 195 Theatre Activities—Special Projects, 1 cr., TBA Thea 495 Summer Theatre, 5 cr., TBA

STATISTICS (Stat) 211 Survey of Statistical Applications, 3 cr., 8:00-9:00, MTWTF, AgH 113

341 Statistical Methods I, 3 cr., 10:20-12:30, MTWT, AgH 113

WILDLIFE AND FISHERIES SCIENCE (WL)

590/690 Special Topics in Wildlife and Fisheries, 1-3 cr., TBA 591/691 Wildlife Research Problems, 1-2

cr., TBA 790 Thesis in Wildlife, 1-5 cr., TBA

workshops and special events

ART (Art)

High School Summer Art Workshop, June 12-18, Registration June 12, 1:00 -3:00, Steven Mayes, coordinator

CIVIL ENGINEERING (CE)

208 Engineering Surveys, 3 cr., TBA, (August)

EDUCATION (ED)

AgEd 505/605 Workshop in Farm Management, 1 cr., Sec. 3, TBA July 5-8 AgEd 505/605 Workshop in Advanced Adult Education, 1 cr., Sec. 2, TBA, June 20-24. Hanson

AHEd 581/681 Workshop in Physical Assessment of the Adult, 2 cr., May 16-20

SeEd 581/681 Workshop in Electronics, 1 cr., June 6-10

SeEd 581/681 Workshop-Identification of Learning Problems and Corrective Teaching, 1 cr., July 5-8

DrEd 550/650 Safety Education, 3 cr., TBA DrEd 570/670 Advanced Driver Education, 3 cr., TBA

cr., TBA
DrEd 571/671 Driver Education Simulation,
2 cr., TBA

DrEd 572/672 Alcohol and Drugs in Relation to the Driving Task, 2 cr., TBA

ENGINEERING

Engineering Summer Program (ESP), June 7-July 30

GEOGRAPHY (Geog)

380 Field Experience: North Central U.S.A., 3 cr., TBA, May 12-June2, Opheim 390 Special Problems: Dying and Death, 1 cr., TBA, Ro B, Hogan and Blazey May 16-20, MTWTF 1:00-4:20

HEALTH, PHYSICAL EDUCATION AND RECREATION (HPER) PE 581/681 Water Safety Instructor's

PE 581/681 Water Safety Instructor's Workshop, Sec. 1, 1 cr., May 30-June 3, Erickson PE 581/681 Tennis Camp, Sec. 2, 1 cr., June

PE 581/681 Tennis Camp, Sec. 2, 1 cr., June 1-3, Pionkowski

PE 581/681 Swimming and Competitive Diving Camp, Sec. 3, 1 cr., June 5-10, Frickson

Erickson PE 581/681 Gymnastics Camp, Sec. 5, 1 cr., June 5-10, Snyder

PE 581/681 Wrestling Camp, Sec. 13, 1 cr., July 17-22, Martin

PE 581/681 Cheerleading Camp, Sec. 8, 1 cr., June 26-30, Andersen PE 581/681 Sportswriting Camp, Sec. 5, 1

cr., June 12-17, Martin
PE 581/681 Girl's Basketball Camp (HS),

Sec. 6, 1 cr., June 12-17, Davis
PE 581/681 Boys' Basketball Camp, Sec. 7,

1 cr., June 19-24, Zulk and Milanovich
PE 581/681 Cheerleading Camp, Sec. 8, 1

cr., June 26-30, Andersen PE 581/681 Outdoor Recreation Education Workshop, Sec. 9, 1 cr., June 30-July 3, Williamson

PE 581/681 Volleyball Camp, Sec. 10, 1 cr., July 11-14, Marske and Davis

PE 581/681 All Sports Camp, Sec. 11, 1 cr., July 11-15, Staff

PE 581/681 Project Adventure, Sec. 12, 1 cr., July 11-15, Torino

PE 581/681 Wrestling Camp, Sec. 13, 1 cr., July 17-22, Martin

PE 581/681 Football Camp, Sec. 14 1 cr.,

July 17-22, Gregory
PE 581/681 Athletic Training Camp Sec. 15,

1 cr., TBA, Booher PE 581/681 Cross Country Camp, Sec. 15, (Non-credit), July 25-31, Dirksen

PE 581/681 Cross Country Coaches Clinic, Sec. 15, (Non-credit), July 26-29, Dirksen

PE 581/681 American Drill Team School, Sec. 16, 1 cr., July 24-29, Dirksen PE 581/681 Karate Camp, Sec. 18, 1 cr., TBA. Gould Workshops to be held at Lee Valley Ranch; Custer, South Dakota 57730

Recr 581/681 Summer Recreation Directors Workshop, 1 cr., May 13-15, Olson and Williamson

Recr 581/681 Back Packing Workshop, Black Hills, 1 cr., May 27-30, Olson and Williamson

HEALTH SCIENCE (HSc)

442 Special Problems: Dying and Death, 1 cr., TBA, May 10-14, Ro B, Hogan and Blazev

HOME ECONOMICS (HE)

HEI 792 Problems in Home Economics-Metric Workshop, 1 cr., 1:30-5:00, HN 373, June 20-25, Keiv

JOURNALISM AND MASS COMMUNICATION (J)

MCom 553/653 Workshop in Communication, 1-4 cr., June 13-24

Institute for School Publications: Newspapers and Photography, June 12-18

Yearbooks and Advanced Photography, June 19-25

MECHANIZED AGRICULTURE (MA)

500/600 Special Topics in Teaching Agricultural Mechanics, 1 cr., TBA, Kimmons and Chu; West River, July 11-14; Southeast, July 18-21; Northeast, July 25-28 MUSIC (Mus)

All State Music Camp, June 5-11 Mus 591/691 Directed Studies, Foreign Study Tour, 3 cr., June 8-30, Jones Mus 591/691 Directed Studies, Piano Teacher's Workshop, 1-2 cr., June

Mus 591/691 Directed Studies, CMP Workshop, 1-2 cr., Date to be announced

Rushmore Music Camp, August 7-13 Mus 591/691 Directed Studies, Rushmore Directors Course, 1-2 cr., August 7-13

POLITICAL SCIENCE (PolS)

483 Directed Studies: Field Trip to
Washington, D.C., 3 cr., May 16-June 3

RURAL SOCIOLOGY (Anth)

590/690 Special Problems in Anthropology, Lakota Social Systems, 3 cr., May 16, 9:30, Scobey 213, TBA, Hess

EdFn 339 Introduction to American

Education, 2 cr., Edeburn 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.

EdFn 530/630 Current Trends in Education, 2 cr.

A review of the changes being made in public school education throughout the United States. The identification of changing administrative policy, teaching techniques and organization patterns. The impact of these changes upon public schools.

EPsy 302 Educational Psychology, 2 cr., Foreman

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.

SeEd 450 Teaching of Reading, 3 cr. 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.

SeEd 492 Problems in Education, 1-3 cr., TBA, Staff

SeEd 540/640 Secondary School Curriculum,

2 cr., Luchsinger Nature and principles of curriculum in secondary schools. Newer trends and modern curriculum development procedures.

SeEd 789 Internship, 1-6 cr., TBA 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.

(Workshops and Special Events)

AGRICULTURAL EDUCATION (AgEd)

AgEd 505/605 Workshop in Farm Management Education, 1 cr., TBA (July 5-8)

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. Multi-school cooperation in farm management programs. For more information, contact Dr. Clark Hanson, Director of Workshop.

AgEd 505/606 Workshop in Advanced Adult

Education, 1 cr., Sec. 2, TBA (June 20-24) Desired for those individuals who have participated in previous farm management workshops. The following topics will be considered from an instructional standpoint: record analysis interpretation, record keeping aids, income tax management, methods of depreciation and economic principles for farmers. For more information contact Dr. Clark Hanson, Director of Workshop.

ADULT HIGHER **EDUCATION (AHEd)**

AHEd 581/681 Workshop in Physical Assessment of the Adult, 2 cr., (May 16-20)

The workshop will cover assessment of all major systems of the body, history taking, and recording of findings. Course includes lecture and laboratory. Written assignments will be required prior and following the workshop. Available to a limited number of registered nurses employed as social service consultants. Developed in cooperation with the College of Nursing. Rosalie Sitzman, Instructor.

SECONDARY **EDUCATION (SeEd)**

SeEd 581/681 Workshop in Electronics, 1 cr., 4 days, first week of summer session.

(June 6-10)

An electronics course which will expose secondary education teachers to new material in electronics. Instructors in industrial arts, physics, electronics and science courses will find the course valuable. Taught by Electrical Engineering staff with emphasis on laboratory exercises with theory presented in an "easy to understand" algebra only approach. First meeting 1:00 p.m., June 5, 1977, H.H. 201. For more information contact Dr. Virgil G. Ellerbruch, Head of Electrical Engineering.

SeEd 581/681 Workshop-Identification of Learning Problems and Corrective Teaching, 1 cr., (July 5-8)

The emphasis will be on assisting regular classroom teachers, grades 7-12, to employ rapport-building techniques, assess academic and social skills, assess learning modalities, use effective reinforcement techniques, and utilize corrective teaching methods. For more information contact Dr. Lois Widvey, Director of workshop.

DRIVER EDUCATION (DrEd)

(July 18-August 4)

Courses under the direction of the State Department of Public Instruction in cooperation with the Department of Education at South Dakota State University. Write to Wyland Borth, Supervisor, Driver Education, Division of Elementary and Secondary Education, State Capitol, Pierre, South Dakota 57501. LIMITED ENROLLMENT.

DrEd 550/650 Safety Education, 3 cr., TBA Philosophy, content and methods requisite to teacher's participation in accident prevention activities and school safety program.

DrEd 570/670 Advanced Driver Education, 3 cr., TBA

Traffic accident problems; survey of research studies in driver education and protection; sources of material, measurement of driver attitudes. May be conducted as regular course or short course involving full two weeks (80 hours) of instruction. p, 370.

DrEd 571/671 Driver Education Simulation, 2 cr., TBA

Philosophy, organization and procedure in the use of simulators to teach Driver Education.

DrEd 572/672 Alcohol and Drugs in Relation to the Driving Task, 2 cr., TBAA

The effects of alcohol and drugs in relation to the individual's ability to drive. Organization of course and materials to be used in high school Driver Education.

ELECTRICAL ENGINEERING (EE)

(Eight Week Session)

557/657 Special Topics in Electrical Engineering, 1-3 cr., TBA
Special topics in the field of Electrical Engineering are included. P, consent of department head.

590/690 Special Electrical Problems, 1-3 cr., TBA

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

790 Thesis in Electrical Engineering, 5-7 cr.,

ENGINEERING

(Workshops and Special Events)

Engineering Summer Program (ESP) (June 7-July 30)

Students enrolled in this program have the opportunity to take a variety of courses. Credit is earned which applies toward a degree in Engineering. Field trips are included so students have an opportunity to see engineering in action. For information contact the Directors: Assistant Dean Louis Skubic, College of Engineering, Dr. Virgil Ellerbruch, Head of Electrical Engineering.

ENGINEERING MECHANICS (EM)

(Eight Week Session)

221 Statics, 3 cr.

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.

222 Dynamics, 3 cr.

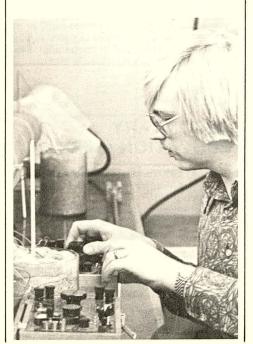
Vectorial kinematics and kinetics; absolute and relative motion, force-mass-acceleration relations, potential and kinetic energy, work, and power, impulse, and momentum, conservation of energy and momentum. Application to particles, particle systems and rigid bodies. Free vibrations of single-degree-of-freedom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

321 Mechanics of Materials, 3 cr.

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

331 Fluid Mechanics, 3 cr.

Fluid properties, statistics 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.



ENGLISH (Engl)

(First Session)

592/692 Seminar in American Indian Literature, 3 cr., Marken Intensive study of the American Indian literature of the past or present with concentration on the plains Indians.

(Eight Week Session)

101 Freshman Composition, 3 cr., West Training in efficient, accurate reading and in clear, effective writing. Instruction is included in standard English grammar, usage, and punctuation.

218 Introduction to Literature, 3 cr., Yarbrough

Principal literary types—fiction, drama, and poetry—with the purpose of acquainting students with the rewards of reading significant literature. Not accepted for the English major.

256 Literature of the American West, 2 cr., Woodard

Attention given to various attitudes of the West.

300 Junior Composition, Sec. 1, D. Evans; Sec. 2, Witherington; Sec. 3, Williams An advanced course in clear, effective expository writing, with special emphasis on the professional needs of the student. P, 100 or 101 or 191 and junior standing.

303 Advanced Exposition (technical), 3 cr., Woodard

Study of practice in writing of a technical nature; expository writing will be stressed. P, 6 hours of composition or permission.

310 Mythology and Literature, 3 cr., Witherington

Mythological backgrounds of literature and the ways literature itself contributes to the various mythologies that underlie our culture and shape the assumptions governing our values and behavior.

393 Undergraduate course special: The Poetry of Love, Classic to Modern, 3 cr., West

Changing conceptions of love and sexual roles from Graeco-Roman times to the present.

595/695 Seminar in American Literature: Hemingway, 3 cr., Williams Ernest Hemingway's fiction and non-fiction;

the cultural background of his work.

597/697 Special Studies in Composition and
Literature: Teaching Creative Writing

and Poetry, 2-3 cr., D. Evans
Practical methods for teaching imaginative writing and interpreting poetry.

Ling543/643 Development of the English Language, 2 cr., E. Evans A historical survey of the phonology

A historical survey of the phonology, grammar, syntax, and lexicon of English leading to an understanding of the present state of the language and future developments.

ENTOMOLOGY-ZOOLOGY (Ent-Zool)

(Eight Week Session)

Ent 491 Special Topics in Entomology, 1-3 cr., TBA

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

Ent 591/691 Special Topics in Entomology, 1-3 cr., TBA

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

Ent 761 Taxonomy of Insect Groups, 1-3 cr., TBA

Taxonomic study of groups of insects. Student prepares report in which he gives technical description, and other information, of group under study. P, Ent 301.

Ent 790 Thesis in Entomology, 5-7 cr., TBA

Zool 221 Anatomy, 3 cr., R, Thibodeau Structure of various systems of the body as basis for physiology. Models and charts are used with references to skeletons. Injected and embalmed rats are used for a limited amount of dissection. Credit will not be allowed for both Zool 123 and Zool 221.

Zool 497 Special Topics in Zoology, 1-3 cr., TBA

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.

Zool 597/697 Special Topics in Zoology, 1-3 cr., TBA

Qualified students may investigate special topics of Zoological study under supervision of department staff in the following and other selected areas: Zoological Research Problems, Human Genetics, Principles of Animal Taxonomy, Helminthology, History and Philosophy of Zoology, Developmental Genetics

Zool 790 Thesis in Zoology, 5-7 cr., TBA

FOREIGN LANGUAGES (FL)

(First Session)

Span 201 Second-Year Spanish, 3 cr. Aims of first-year Spanish continued. Reading of works of well-known authors, practice in conversing and writing in Spanish. Classwork supplemented with foreign language laboratory. P, Span 102.

Span 490 Directed Study in Spanish, 1-3 cr. Readings and discussions in Spanish as directed by the instructor. Appropriate for seniors or graduates who wish to refresh their language skills. Work will be intensive, tailored to students' needs, and will include concentrated use of Spanish in all its phases. P, two years of the language and/or consent.

(Second Session)

Span 202 Second-Year Spanish, 3 cr. Aims of first-year Spanish continued. Reading of works of well-known authors, practice in conversing and writing in Spanish. Classwork supplemented with foreign language laboratory. P, Span 201.

Span 490 Directed Study in Spanish, 1-3 cr. Readings and discussions in Spanish as directed by the instructor. May be repeated for credit. P, two years of the language and/or consent.

GEOGRAPHY (Geog)

(Interim)

380 Field Experience: Northwestern U.S.A., 3 cr., TBA, (May 16-June 3)

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.

390 Special Problems: Dying and Death, 1 cr., (May 16-20)

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.

(Eight Week Session)

219 Geography of South Dakota, 3 cr., Hogan The physical and human geography of the state, the inter-relationship and significance of various regions within the state and to the United States as a whole.

351 Economic Geography, 3 cr., Hogan World wide distribution of economic activities and their physical bases. Agricultural, mineral and manufacturing industries and their important products and role in world trade.

383 Cartography, 3 cr., Opheim History and principles of cartography with emphasis on field mapping; map projections; cartographic design; map interpretations; and exercises in map making.



390 Special Problems in Geography, 1-4 cr., TBA, Staff

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.

476 Historical Geography of South Dakota, 3 cr., Ostergren

Historical periods of South Dakota and adjacent areas portrayed against their geographic background. May be taken as Hist 476 for History credit.

483 Air Photo Interpretation, 3 cr., Samuelson

Development of the skills and techniques involved in the interpretation of aerial photographs showing physiography, land use, industrial, commercial and military functions.

520/620 Advanced Regional Studies in Geography: Regional Land Inventory Analysis, 3 cr., Samuelson

Geographical analysis of regional land use utilizing advanced techniques of the discipline.

790 Thesis in Geography: M.S. 1-6, Sec. 1, Staff

790 Thesis in Geography: M.S. Sustaining, 1 cr., Staff

792 Special Problems: 1-4 cr., Staff

(Workshops and Special Events)

South Dakota State Special

The South Dakota State Special is an eight week interdisciplinary summer program presented by the Department of Geography and the department of History. Its purpose is to afford the student the opportunity to increase understanding of our home.

The courses included in the South Dakota State Special were selected to provide participants the opportunity to concentrate on our state. Geog 219 - Geography of South Dakota provides an overview of man and the land; and Geog 476 or Hist 476 - Historical Geography of South Dakota provides an examination of the development of our state. For a description of each course, see the listings for Geography and History in the summer offerings.

For further information contact: Dr. Robert Ostergren, Department of Geography.

HEALTH, PHYSICAL EDUCATION AND RECREATION (HPER)

(First Session)

PE 100, Beginning Swimming, Sec. 1, 1 cr.

PE 100 Tennis, Sec. 2, 1 cr.

PE 100 Archery, Sec. 3, 1 cr.

Hith 159 Emergency Medical Care, 2 cr. The objective of this course is 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.

PE/PT 354 Prevention and Care of Athletic Injuries, 2 cr.

General care and treatment of athletic injuries, conditioning and training, equipment of training room, taping for athletic injuries.

PE/PT 450 Exercise Physiology, 3 cr. Body processes as they relate to exercise; efficiency of muscular work; fatigue and exercise; age, sex and body type as related to exercise; nervous control of muscular activity; effect of exercise on the circulatory system. P, junior standing.

HPER 582/682 Seminar in Adult Fitness and Cardiac Rehabilitation, 2 cr.

Discussion and actual practice in the organization and administration of programs for adult fitness and/or cardiac rehabilitation. Procedures for exercise prescription and assessment of fitness components will be emphasized. P, junior standing.

HPER 742 Psycho-Social Aspects of Sport,

Psychological principles, theories and laws applied to physical education and athletic situations. Interpretation of behavior in sports. P, graduate standing.

(Second Session)

PE 100 Golf, Sec. 1, 1 cr.

PE 100 Handball-Racquet ball, Sec. 5, 1 cr.

HPER 741 Philosophy of HPER, 3 cr. Discussion and analysis of major philosophic contributions to physical education. Formation and evaluation of one's belief concerning physical education. P, graduate standing.

HPER 760 Motor Learning and Development,

Analysis of natural and formal methods of instruction. Demonstrations and study of methods applied to various motor activities. P, graduate standing.

Hith 760 Advanced Administration of School Health Programs, 2 cr.

Methods of health instruction; problems of health service; problems in supervision of health environment; recent trends and problems in safety education. P, graduate standing.

(Workshops)

To enroll for academic credit (581) a student must be at least a Junior in college. For graduate credit (681) one must have a Bachelors degree.

PE 581/681 Water Safety Instructor's Workshop, Sec. 1, 1 cr., May 30-June 3, Erickson

PE 581/681 Tennis Camp, Sec. 2, 1 cr., June 1-3, Pionkowski

PE 581/681 Competitive Swimming and Diving Camp, Sec. 3, 1 cr., June 5-10, Erickson

PE 581/681 Gymnastics Camp, Sec. 4, 1 cr., June 5-10, Snyder

PE 581/681 Sportswriting Camp, Sec. 5, 1 cr., June 12-17, D. Martin

PE 581/681 Girl's Basketball Camp, Sec. 6, 1 cr., June 12-17, Davis

PE 581/681 Boy's Basketball Camp, Sec. 7, 1 cr., June 19-24, Zulk and Milanovich

PE 581/681 Cheerleading Camp, Sec. 8, 1 cr., June 26-30, Andersen

PE 581/681 Outdoor Recreation Education Workshop, Sec. 9, 1 cr., June 30-July 3, Williamson

PE 581/681 Volleyball Camp, Sec. 10, 1 cr., July 11-14, Marske and Davis

PE 581/681 All Sports Camp, Sec. 11, 1 cr., July 11-15, Milanovich, Huether and Staff



PE 581/681 Project Adventure, Sec. 12, 1 cr., July 11-15, Torino

PE 581/681 Wrestling Camp, Sec. 13, 1 cr., July 17-22, M. Martin

PE 581/681 Football Camp, Sec. 14, 1 cr., July 17-22, Gregory

PE 581/681 Athletic Training Camp, Sec. 15, 1 cr., TBA, Booher (To be held sometime in late July, contact Dr. Booher for exact dates)

PE 581/681 American Drill Team School, Sec. 16, 1 cr., July 24-29, Andersen

PE 581/681 Cross Country Camp, Sec. 17, 1 cr., July 24-29, Dirksen

PE 581/681 Karate Camp, Sec. 18, 1 cr., TBA, Gould

Mini-Workshops

Recr 581/681 Summer Recreation Directors Workshop, 1 cr., May 13-15, Olson and Williamson

Recr 581/681 Backpacking Workshop, Black Hills, 1 cr., May 27-30, Olson and Williamson

HEALTH SCIENCE (HSc)

(Interim)

442 Special Problems: Dying and Death, 1 cr., TBA

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. Ed Hogan 688-4511 or Dr. Charles Blazey 688-4106.

(Eight Week Session)

212 Contemporary Health Problems,

2 cr., Blazey

Health problems which adults will encounter as a family and community member. Open to all students.

443 Public Health Science, 3 cr., Blazey Organization and administration of public and voluntary health agencies. Principal 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.

(Workshops and Special Events)

HSc 442 Special Problems: Dying and Death,

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

HISTORY (Hist)

(Eight Week Session)

265 History of the American West, 3 cr., Opheim

From exploration and colonization of North American contunent 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.

Hist 322 Ancient History, 3 cr., Bell Primary emphasis on Greece and Rome.

355 Civil War & Reconstruction, 3 cr., Sweeney

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

357 America Between the Wars, 3 cr., Bell Political, social, economic and intellectual developments in the U.S. during the crucial decades of the 1920's and 1930's.

467 Historical Geography of South Dakota, 3

cr., Ostergren

Historical periods of South Dakota and adjacent areas portrayed against their geographical background. May be taken as Geog 459 for Geography credit.

393 Nazi Germany, 3 cr., Crain Detailed survey of Weimar and Nazi periods between 1918-1945. Political, social, cultural economic aspects.

492 Special Problems in History, 1-4 cr., TBA, Staff

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 8 credits. P, Soph, Jr or Sr standing and/or consent.

692 Special Problems in History, 1-4 cr., TBA,

Selected studies for graduate students.



HOME ECONOMICS (HE)

(First Session)

HEd 741 Supervision in Home Economics Education, 2 cr.

Reservation must be made by May 1. Special emphasis on supervision of student teaching, humanism in supervision, guidance of the student teacher, observation and appraisal of competencies to be achieved by the student teacher.

HE 442 Home Management House Lab, 3 cr., Westbrook

One-third semester residence in home management house laboratory with experience in problems that arise in a home. P, 241, NFS 251, senior standing in home economics.

HE 790 Thesis, 1-4 cr., TBA

HE 701 Seminar, 1 cr., TBA

Reports and discussion in research in various areas of home economics. Required of graduate majors.

(Eight Week Session)

HE 471 Practicum in Business, 8 cr., TBA 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 summer session with residence in city where business is located. P, Major in Home Economics.

HE 482 Practicum in Extension, 8 cr., TBA 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 summer session with residence in a county seat town.

(Workshops)

HEd 792 Problems in Home Economics -

Metric Workshop, 1 cr., June 20-25, Keir Reservation must be made by May 1. Workshop content: Metric is coming, are you ready? If not, this workshop is designed to acquaint participants with correct metric usage and practices, evaluation and preparation of teaching materials on metric, and practice in the use of metric as related to home economics.

HORTICULTURE -FORESTRY (Ho, F, PR, La)

(Eight Week Session)

Ho 471 Problems, 1-2 cr., TBA Special investigation for students. Maximum four hours credit. P, consent of instructor.

La 471 Problems, 1-2 cr., TBA Special investigations in landscape design. Maximum of four hours credit. P, consent of instructor.

PR 471 Problems, 1-2 cr., TBA Investigations in park management. Maximum of four hours credit. P, consent of instructor.

PR 472 Professional Internship in Parks, 3-12 cr., TBA

Supervised training in actual on-site situations. Visit and study typical municipal, state and federal parks. P, GPA 2.4 and consent of instructor.

F 471 Problems, *1-2 cr., TBA*Special investigations in forestry. Maximum of four hours credit. P, consent of instructor.

JOURNALISM AND MASS COMMUNICATION (MCom)

(Eight Week Session)

313 Publicity Methods, 2 cr. Newswriting, organizing publicity campaigns, press relations. For students expecting to become county agents, home economics leaders or teachers. Not open to students who take 210.

413 Journalism Internship, *1-4 cr., TBA* Supervised experience. P, consent of department. Open only to upper division journalism students.

450 Special Problems in Journalism, 1-3 cr.,

Specialized study in journalism topics and issues. P, senior standing.

573/673 Public Relations, 3 cr. Principles, methods and techniques of interpreting institutional and industrial policies and programs to the public.

551/651 Special Problems in Communication, 1-3 cr., TBA Individual research and study in communication. P, consent of Department Head.

790 Thesis, 1-3 cr., TBA

791 Research Methods in Communication, 3 cr., TBA

Application of social science research methods and techniques to the study of interpersonal and mass communication. Elementary statistical procedures.

(Workshops and Special Events)

553/653 Workshop in Communication, 1-4 cr., June 13-24

Specialized workshop sessions on selected problems, topics, methods and techniques in journalism and communication. Sessions will be designed for high school teachers and publication advisors.

Institute for School Publications
Newspapers and Photography, June
12-18; Yearbooks and Advanced
Photography, June 19-25

A workshop to train students to improve their school publications by acquainting them with sound principles of planning and editing high school newspapers and yearbooks and producing good photography for publications. Instruction by SDSU Journalism and Mass Communication staff supplemented by experienced instructors and lecturers from various college and high school journalism departments and the professional media. Lectures, demonstrations, round tables, labs, and consultation. Planned recreation and social events, including final awards banquet.

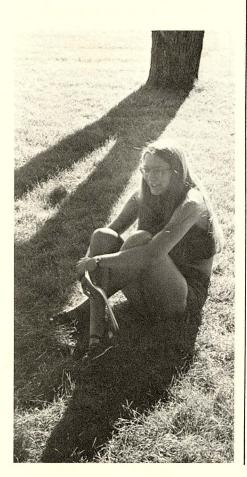
MATHEMATICS (MATH)

(Eight Week Session)

Math 111 College Algebra, 3 cr.
Set concepts, basic properties of real numbers, factoring of polynomials, solution of linear and quadratic equations, inequalities, systems of equations, exponents and radicals, determinants, permutations and combinations. P, 1 unit of high school algebra.

225 Mathematical Analysis III, 3 cr.
Analysis of straight line, limits, derivatives of algebraic functions, maxima and minima, rates, curve tracing, differentials, integration. Mean Value Theorem, definite integrals, polar curves, conic sections, topics in solid analytic geometry, transcendential functions. L'Hopitals's rule, partial derivatives, length of arc, multiple integrals, hyperbolic function, infinite series, vectors, and application. P, 2 units of high school algebra and ½ unit of Trigonometry along with good high school record, or Math 113.

321 Differential Equations, 3 cr., Differential equations with applications in fields of geometry, mechanics, and physics. P, 225.



MECHANIZED AGRICULTURE (MA)

(First Session)

452 Teaching Agricultural Mechanics, 2 cr., (1-3), Kimmons

Methods of teaching agricultural mechanics 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 Ag Education.

490 Special Problems in Mechanized
Agriculture, 1-3 cr., TBA, Staff
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.

502/602 Advanced Irrigation Mechanics and Practices, 2 cr., Chu

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

522/622 Advanced Farm Structures, 2 cr., Young

Materials for farm construction, construction methods and techniques, new developments in farm building.

582/682 Advanced Farm Engines, 2 cr., Kimmons

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

(Workshops and Special Events)

500/600 Special Topics in Teaching
Agricultural Mechanics, 1 cr., Kimmons
Acetylene welding. Specialized in-service
training of four days duration each at three
different locations. Locations dependent
upon addresses of participants.

West River July 11-14 Southeast July 18-21 Northeast July 25-28

(Eight Week Session)

231 General Microbiology, *4 cr., Baker* General principles of basic and applied Microbiology. P, Chem 100, 110 or 112.

441 Microbiology Problems, 1-3 cr., TBA, Staff

Research problem in Microbiology. 6 credits maximum. P, Consent.

790 Thesis in Microbiology, 1-7 cr., TBA, Staff

MUSIC (Mus)

Mus 590/690 Independent Studies 1-3 cr., Royer

Orchestration and Arranging.

Mus 591/691 Directed Studies, 1-2 cr., Johnson

A Study of Charles Ives (selected literary and musical works by Charles Ives studied in depth).

(First Session)

Mus 100 Music Appreciation

Mus 300 Jazz, Rock and Blues Survey

Mus 590/690 Independent Studies, 1-3 cr., Sec. 1, Pedagogy, TBA, Colson; Sec. 2 Counterpoint, TBA, Royer; Sec. 3 Forms and Analysis, TBA, Royer; Sec. 4 Conducting, TBA, Colson

Mus 591/691 Directed Studies, 1-2 cr., Sec. 1, Piano Teachers Workshop, Spencer, June 13-17, Sec. 2, TBA

Mus 102 or Mus 591/691 Foreign Study Tour, 3 hrs. cr., Sec. 3, June 8-30, Dr. Jones

MuAp 110/210 Individual Instruction Keyboard

MuAp 310/410 Individual Instruction Keyboard

MuAp 120/220 Individual Instruction Woodwinds

MuAp 320/420 Individual Instruction Woodwinds

MuAp 130/230 Individual Instruction Brass

MuAp 330/430 Individual Instruction Brass

MuAp 140/240 Individual Instruction Percussion

MuAp 340/440 Individual Instruction Percussion

(Second Session)

Mus 590/690 Independent Studies, 1-3 cr., Sec. 5, Music Education, Sec. 6, Pedagogy

Mus 591/691 Directed Studies, 1-2 cr., Sec. 3, TBA

MuAp 120/220 Individual Instruction Woodwind

MuAp 320/420 Individual Instruction Woodwind

MuAp 130/230 Individual Brass

MuAp 330/430 Individual Instruction Brass

MuAp 140/240 Individual Instruction Percussion

MuAp 340/440 Individual Instruction Percussion

(Workshops)

All-State Music Camp, June 5-11 For Jr. and Sr. High School Music Students Chorus, Band and Orchestra, Chamber Music, Private Lessons.

Mus 102 or Mus 591/691 Foreign Study Tour, 3 hr. cr., June 8-30, Sec. 3, Dr. Perry Jones

Mus 591/691 Piano Teachers Workshop, 1-2 hrs. cr., June 13-17, Sec. 1

Rushmore Music Camp, August 7-13
Band Camp for High School Students in the Black Hills

Mus 591/691 Rushmore Band Directors Course, 1-2 hrs. cr., Aug. 7-13, Sec. 4 Open to public school music teachers.

PHILOSOPHY (Phil)

(First Session)

455, Special Problems: Freedom and Determinism, 2 cr.

An investigation of some of the fundamental concepts and problems involved in the freedom-determinism debate, particularly as those problems affect our contemporary view of the nature of humanity. The course will not presuppose previous philosophical course work.

(Eight Week Session)

225 Introduction to Ethics, 3 cr Essentially, an investigation into the reality and legitimacy of morality. The distinction between the subjective and the objective, the absolute and the relative provide basic topics for study. Ultimately, the course attemps to lay some formation for an understanding of the place and meaning of values in human experience.

PHYSICS (Phys)

(Eight Week Session)

331 Atomic Physics, 3 cr. Evaluation of experimental evidence concerning atomic and nuclear structure with emphasis on impact of twentieth century developments on science and engineering. P, 213, or 113 and consent of instructor

495 Special Topics, *1-3 cr., TBA* Special problems either from theoretical or experimental approach. P, consent.

PLANT SCIENCE (PS)

(Eight Week Session)

490 Special Problems, *1-4 cr., TBA*Assigned readings, research, written reports, crop and soil judging. Limit of four hours in each major for B.S. degree. P, Consent of instructor.

700 Special Topics, 1-6 cr., (1,3 per credit), TBA

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 Mineralology, 11. Soil Physics, 12. Virology, 13. Weed Control, 14. Cytogenetic Applications, 15. Teaching Experience (2 cr. Maximum). P, Consent of instructor for all Special Topics.

780 Advanced Special Problems, *1-2 cr.*, *TBA* Advanced study and research in crops, plant pathology, and soils. P, Consent of instructor.

790 Thesis, M.S., *TBA* **890 Thesis, Ph.D.,** *TBA*

POLITICAL SCIENCE (PolS)

(Interim)

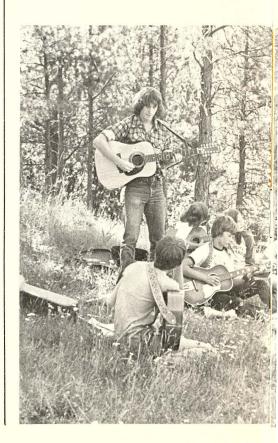
483 Directed Studies: Field Trip to Washington, D.C., 3 cr.

A study of Congress and other political institutions in Washington. Major attention will be paid to Congressional committees, floor debate, procedures, staff, elections, and reform. Two weeks of the course will involve study in Washington, D.C. with one week at SDSU. Travel to Washington by air, \$50 deposit required by March 21. For information contact: H. E. Cheever, Political Science Department, 688-5028. Consent.

(Eight Week Session)

100 American Government, 3 cr.
Origins and development of our government at the national level: democratic theory, the Constitution, civil rights, representation, citizenship and the suffrage, political parties, pressure groups, public opinion, propaganda, Congress, Presidency, and the courts.

210 State and Local Government, 3 cr. Legal status, forms and functions, interrelationships, current trends and suggested reforms. Examples drawn from South Dakota.



320 Public Administration, *3 cr.* History and development of public administration in the U.S.; basic elements of administration: personnel, budgeting, planning, organization and management; and the importance of federal executives in shaping public policy. P, 100 (or 101) or consent.

343 The U.S.S.R., 3 cr.

Study of government, politics, and some aspects of society in the Soviet Union. P, 100 (or 101) or consent.

481 Field Experience and Student Internship in Political Science, 3-9 cr., TBA

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. Open only to junior or senior Political Science majors with approval of department staff. Will not count toward meeting the minimum requirement in the major. May be repeated until 12 credits are earned. Graded S or U.

483 Directed Studies, 4-5 cr., TBA

592/692 Special Problems in Political Science, 1-3 cr., TBA

Individual guided research culminating in formal research paper. May be repeated until 6 credits are earned.

(Workshops and Special Events)

483 Directed Studies: Field Trip to Washington, D.C., 3 cr.



PSYCHOLOGY (Psyc)

(Eight Week Session)

101 General Psychology, 3 cr., Sec. 1, Sec. 2 Fundamental concepts of development, learning, motivation, emotion, frustration, personality and other basic behavioral processes. Prerequisite for all courses in psychology except 102.

202 Advanced General Psychology, 3 cr. Contemporary research related to psychological concepts expounded in Psyc 101 and 102. P, 101 or 102.

331 Business and Industrial Psychology,

Application of psychological principles to such problems as employee selection, supervision, job satisfaction, work efficiency and human engineering. P, 101 or 102.

441 Social Psychology, 3 cr. Basic principles, concepts and methods utilized in analyzing the interaction of individual and group. P, 101 or 102.

451 Psychology of Abnormal Behavior, 3 cr. Principles of normal and abnormal personality development. Emphasis on causative factors, symptoms and treatment of major forms of abnormal behavior, including neurosis, psychosiand the psychophysiological disorders. P, 101 or 102.

488 Practicum for Psychological Technicians, 12 cr., TBA

Supervised training and experience at an institution for behavior disorders or mental deficiency. For majors in the Psychological Technician curriculum. P, minimum GPA of 2.2, consent of program coordinator and approval of institutional supervisor.

491 Problems in Psychology, *1-3 cr., TBA* Opportunity to investigate special problems or carry out independent study under supervision of department staff. P, 101 or 102, outline of proposed work and consent of supervising staff member. May be repeated for a total of 6 credits.

497 Field Work in Psychology, 3-12 cr., TBA

RELIGION (Rel)

(Eight Week Session)

237 Religion in America, 3 cr.

Analysis in historical perspective of the major religious movements in the United States; Judaism, Protestantism, Roman Catholicism, with particular emphasis upon their cultural context and relationship to American life and thought—past, present, and future.

338 World Religions, 3 cr. Major world faiths, today; Hinduism, Buddhism, Confusianism, Taoism, Judaism, Islam, Christianity, and possible developments in the modern world.

RURAL SOCIOLOGY

(Soc) (Anth) (First Session)

Anth 398 Practicum in Anthropology, 3-12 cr., TBA, Faltemier

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.

Anth 421 Indians of North America, 3 cr., Satterlee

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 interests in Indian culture.

Anth 590/690 Special Problems in
Anthropology, 1-3 cr., TBA, Satterlee
Advanced work or special problems in
Anthropology. P, open to undergraduate and
graduate students with sufficient
background and consent.

Soc 362 Population Problems, 3 cr., Riley Theories of population: factors involved in birth rate, death rate, and migrations. Social consequences of population change, problems of population composition and population policy. P, 100.

Soc 490 Special Problems in Sociology, 1-3 cr., TBA, Satterlee

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. Maximum of 6 cr. for B.S. degree.

Soc 491 Sociology Seminar, 1 cr., TBA, 1st meeting June 7, 4:00, Scobey 213, Faltemier

The opportunity for extensive work in a selected area of sociology including special investigation, reports and discussion. Senior, major.

Soc 492 Practicum in Sociology, 3-12 cr., TBA. Faltemier

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.

Soc 560/660 Social Demography, 2 cr., Wagner

Exploration of population theory and methods focusing upon contemporary literature and the basic population pprocess of fertility, mortality, and migration. P, 362 undergraduate or graduate (consent).

Soc 780 Special Problems in Sociology, 1-3 cr., TBA, Satter/ee

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.

Soc 781 Internship in Planning, 1-6 cr., TBA, Dimit

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).

Soc 790 Thesis, M.S., TBA

Soc 791 Seminar in Sociology: Sociology of Planning, 3 cr., Dimit

Soc 890 Thesis, Ph.D., TBA

(Second Session)

Anth 398 Practicum in Anthropology, 4 cr., TBA, Faltemier See description under First Session.

Anth 590/690 Special Problems in Anthropology, 1-3 cr., TBA, Satterlee See description under First Session.

Soc 590 Special Problems in Sociology, 1-3 cr., TBA, Satterlee

See description under First Session.

Soc 491 Sociology Seminar, 1 cr., TBA, 1st meeting July 5, 4:00, Scobey 213, Faltemier

See description under First Session.

Soc 492 Practicum in Sociology, 3-12 cr., TBA, Faltemier

See description under First Session.

Soc 780 Special Problems in Sociology, 1-3 cr., TBA, Satterlee

See description under First Session.

Soc 781 Internship in Planning, 1-6 cr., TBA, Dimit

See description under First Session.

Soc 790 Thesis, M.S., TBA

Soc 890 Thesis, Ph.D., TBA

(Eight Week Session)

Anth 398 Practicum in Anthropology, 3-12 cr., TBA, Faltemier
See description under First Session.

Anth 590/690 Special Problems in Anthropology, 1-3 cr., TBA, Satterlee See description under First Session.

Soc 100 Introduction to Sociology, 3 cr., Butterbrodt

Prerequisite to most courses numbered above 100. Comprehensive study of society, with analysis of group life, and other forces shaping human behavior.

Soc 270 Introduction to Social Work, 3 cr., Faltemier

Social case work, and social services for children, the family, the aged, public welfare clients, the mentally ill, criminals, the school and the community. P, 100 or consent.

Soc 351 Crime and Delinquency, 3 cr., Mendelsohn

Nature and causes of crime. Theories of punishment. Agencies and methods of arrest, conviction, and segregation of criminals. Jails, prisons, and reformatories. Probation and parole. P, 100.

Soc 490 Special Problems in Sociology, 1-3 cr., TBA, Satterlee

See description under First Session.

Soc 491 Sociology Seminar, 1 cr., TBA, Faltemier

See description under First Session.

Soc 492 Practicum in Sociology, 3-12 cr., TBA, Faltemier

See description under First Session.

Soc 780 Special Problems in Sociology, 1-3 cr., TBA, Satterlee

See description under First Session.

Soc 781 Internship in Planning, 1-6 cr., TBA, Dimit

See description under First Session.

Soc 790 Thesis, M.S., TBA

Soc 890 Thesis, Ph.D., TBA

(Workshops and Special Events)

Anth 590/690 Special Problems in Anthropology: Lakota Social Systems, 3 cr., 1st meeting May 16, 9:30 am, Scobey 213, Hess

Students will participate in the analysis of dynamics of social life in a contemporary reservation community. By living on the Pine Ridge Reservation during the interim period and being taught by both SDSU faculty and Pine Ridge Community College faculty, the student will gain a first-hand experience in examining Lakota social institutions and values from a cross-cultural perspective.

FOR FURTHER INFORMATION CONTACT:

Dr. Donna Hess, Dept. of Rural Sociology South Dakota State University Brookings, South Dakota 57006 (605) 688-4132

SECRETARIAL SCIENCE (OEd)

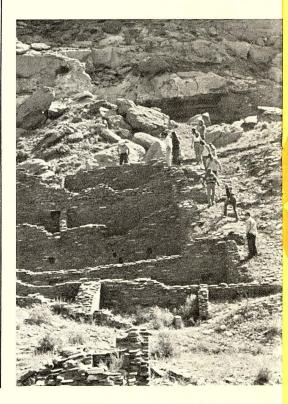
(First Session)

134 Card Punch, 1 cr., TBA
Operation of IBM Card Punch. Development of basic understanding of relationship to computing equipment. P, 112 or consent.

(Eight Week Session)

111 Beginning Typewriting, 2 cr. Open only to those who have had no previous instruction in typing.

122 Shorthand II, *4 cr*. Review of Theory; dictation and transcription. P, 121 or one year of previous shorthand instruction.



SPEECH (Sp)

(Interim)

DCom 432 Special Problems in Speech Reeducation, 1-2 cr., TBA

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

GCom 392 Directed Studies, *1-3 cr.*, *TBA* Directed study in selected topics. P, consent of Department Head.

MCom 560/660 Special Problems in Radio or Television or Film, 1-2 cr., TBA

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

SpCm 592/692 Special Problems in Oral Interpretation, 1-2 cr., TBA

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

SpCm 594/694 Special Problems in Public Address, 1-2 cr., TBA

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

Thea 590/690 Special Problems in Theatre, 1-2 cr., TBA

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

(First Session)

DCom 336 Diagnostic Methods in Speech Disorders, 3 cr., Meyer

The use of diagnostic tools for Speech and Language Disorders. P, 131.

DCom 432 Special Problems in Speech Reeducation, 1-2 cr., TBA

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

SpCm 101 Fundamentals of Speech, 3 cr., Sec. 1

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.

MCom 560/660 Special Problems in Radio or

Television or Film, 1-2 cr., TBA
Directed research. May be repeated to a total
of 6 credits in problems courses. P, consent
of Department Head.

SpCm 552/652 General Semantics, 3 cr., Widvey

Relations between symbols; human behavior in reaction to symbols including unconscious attitudes, linguistic assumptions; and the objective systematization of language.

SpCm 592/692 Special Problems in Oral Interpretation, 1-2 cr., TBA

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

SpCm 594/694 Special Problems in Public Address, 1-2 cr., TBA

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

Thea 590/690 Special Problems in Theatre, 1-2 cr., TBA

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

SpCm 790 Thesis, 1-7 cr., TBA

(Second Session)

DCom 432 Special Problems in Speech Reeducation, 1-2 cr., TBA

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

MCom 560/660 Special Problems in Radio or Television or Film, 1-2 cr., TBA

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

SpCm 592/692 Special Problems in Oral Interpretation, 1-2 cr., TBA

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

SpCm 594/694 Special Problems in Public Address, 1-2 cr., TBA

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

Thea 590/690 Special Problems in Theatre, 1-2 cr.. TBA

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

(Eight Week Session)

SpCm 101 Fundamentals of Speech, Sec. 2, 3

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.

SpCm 101 Fundamentals of Speech, 3 cr., Sec. 3 See above description.

Thea 135 Theatre Activities—Acting, 1 cr.,

Credit earned by active participation in acting roles. May be repeated until 8 activity credits have been earned. P, consent of instructor.

Thea 145 Theatre Activities—Technical Theatre, 1 cr., TBA

Credit earned by backstage and crew work. May be repeated until 8 activity credits have been earned. P, consent of instructor.

Thea 195 Theatre Activities—Special Projects, 1 cr., TBA

Credit earned by completing selected theatre projects. May be repeated until 8 activity credits have been earned. P, consent of instructor.

Thea 495 Summer Theatre, 5 cr., TBA Credit earned by participation in State University Theatre's repertory 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.

STATISTICS (Stat)

(Eight Week Session)

211 Survey of Statistical Applications, 3 cr. A broad overview of the uses of descriptive and inferential statistics. The basic concepts of frequency, central tendency and variation are presented and their applications, and misapplications, are discussed in detail. P, Math 111 or equivalent. Not a prerequisite for advanced statistics courses.

341 Statistical Methods I, 3 cr. Elementary concepts in probability, data description, distributions, sampling, statistical inferences (parametric and non-parametric). P, Math 113 or 111 with A or B. Credit will not be given for both 211 and 341.

WILDLIFE AND FISHERIES SCIENCE (WL)

(Eight Week Session)

590/690 Special Topics in Wildlife and Fisheries, 1-3 cr., TBA

Graduate and senior undergraduate students may secure on demand individualized and small-group instruction in a variety of topics such as technical writing, wildlife pathology, advanced theory of population regulation, predation, animal behavior, ecology of aquatic invertibrates, water chemistry, and others. P, graduate or senior undergraduate standing and consent of instructor.

591/691 Wildlife Research Problems, 1-2 cr., TBA

Qualified students may investigate special wildlife problems under supervision of department staff. Arrangements must be made with supervising staff member prior to registration. P, cumulative grade point average of at least 2.75 and permission of supervisor.

790 Thesis in Wildlife, 1-5 cr., TBA

Director of Summer School Administration Building South Dakota State University Brookings, SD 57006

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