

Announcements

FOR 1949-1950

SCHOOL OF
Agriculture

**SOUTH DAKOTA STATE COLLEGE
OF AGRICULTURE AND MECHANIC ARTS
STATE COLLEGE STATION ♦ BROOKINGS, SOUTH DAKOTA**



1949—FALL TERM

- October 17, Monday—Registration day
November 11, Friday—Armistice day, a holiday
November 23, 24, 25, 26, 27—Thanksgiving recess beginning
Wednesday, November 23 at noon
December 21, Wednesday—Fall term closes at 4:15 p.m.

1950—WINTER TERM

- January 4, Wednesday—Registration of all students
January 5, Thursday—Beginning of regular class schedule
March 17, Friday—Closing exercises of the School of Agriculture
at 10:00 a.m.
March 17, Friday—Work of winter term closes at 10:00 a.m.
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No. 1

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What is The School of Agriculture?

Many older rural youth and other persons are interested in agricultural or homemaking training beyond the high school level, but do not have the time, money or inclination to enroll in a four-year college course. Furthermore, there are those who have had little or no high school training who are interested in the same kind of education. For these persons South Dakota State College offers a highly specialized schedule of instruction which is primarily designed to meet their educational needs on the farm or ranch. Although subcollegiate in nature, the program of work includes subjects which headline applied facts considered in regular college courses—the difference being that the School of Agriculture courses are of a less technical nature. Much of the teaching is done in the laboratory, shop, livestock barn or creamery. Moreover, numerous experiments are usually in progress which are of interest to South Dakota farmers and ranchers. School of Agriculture students are in a position to observe first hand many of the experimental procedures and results which, in many cases, will be useful and valuable to them on their return to the farm or ranch.

Students who are short on high school credits may supplement the numerous vocational courses with such subjects as English, plane geometry, history, chemistry and other academic studies which will provide them with a well balanced education.

Women interested in home economics likewise have an opportunity to choose subjects in accordance with their desires and needs.

LOCATION

The school is situated on South Dakota State College's beautiful campus. Highway number seventy-seven runs directly across and joins highway number fourteen only three blocks south of the college. The college itself adjoins the city of Brookings and is situated on a natural rise of ground extending north and east from the business and residential districts.

THE PLAN

Students who enroll have a choice of three options, the selection of which depends on previous training and future educational aims. A total of 20 weeks training is offered each school year.

Option number one: A three-year course for students who are interested primarily in agricultural or homemaking subjects. This program of studies is open to any person who has reached his 16th birthday and has completed two years or less of high school training. Ninety credits are required for graduation under this plan.

Option number two: A four-year schedule of instruction for students who wish to complete their high school training. The fourth year of this course places special emphasis on such courses as English, mathematics, history and chemistry. One hundred twenty credits qualifies a student for graduation under this plan.

Option number three: A two-year schedule of instruction for **high school graduates** who are interested in securing an agricultural or homemaking training above the high school level. Physical training is the only required subject in this schedule, enrollees being free to select any subjects that are listed in the course of study. Sixty earned credits entitles a student to a certificate of graduation.

Any student who holds a high school diploma may transfer to the regular college course, and at the option of the head of the department concerned, receive credit for some of the similar courses offered in the four-year curriculum.

ENTRANCE REQUIREMENTS

1. You must have reached your sixteenth birthday on or before registration time.
2. You must have completed the eighth grade.
3. You must be definitely interested in agricultural or homemaking subjects.
4. You must be willing to study on your own time. No supervised study periods are arranged.

5. If you have had high school training, your grades should be in the upper sixty percent of your class.

ENROLLMENT STEPS

Persons who wish to become School of Agriculture students should do the following things at their earliest convenience:

1. Write to the director of the school requesting application for enrollment and tuition blanks. Direct all letters to: Director, School of Agriculture, State College Station, Brookings, South Dakota.
2. Mail application for enrollment blank to the school for consideration.
3. Ask your public school superintendent to send a record of your credits to the School of Agriculture, Brookings. Eighth grade graduates should present their certificates of graduation at registration time.
4. Students who are not high school graduates, should fill in an information sheet relative to their claims for high school tuition which will be paid by the county for students who have not finished high school, do not live within the boundaries of a high school district and have not turned twenty-one years of age. Forms may be obtained by writing the School of Agriculture.
5. If you have had high school training, ask your high school principal or superintendent to send a complete transcript of your credits and activities, together with a statement that your grades were in the upper sixty percent of your class. Mail this information to: Director, School of Agriculture, State College Station, Brookings, South Dakota.

TUITION FEES

The Regents have fixed the tuition at fifty-one dollars for twenty weeks of school (Out-of-state students at seventy-six dollars and fifty cents [\$76.50]). Students who have finished high school are, of course, required to pay their own tuition. Students who have not finished high school, do not live within the boundaries of a high school district and who have not turned twenty-one years of age, may qualify to have their tuition

paid by the county as explained in the Session Laws of 1947, Chapter 73. This law provides that any pupil who has completed the eighth grade and has been granted a diploma of graduation by the county superintendent of schools may attend high school or state educational institution, which includes the School of Agriculture.

ESTIMATED EXPENSES

The cost of attending the School of Agriculture has always been kept as low as possible. Listed below is our best estimate covering the full twenty weeks of instruction:

Tuition ¹	\$ 51.00
Board	150.00
Room	45.00
Health Fee ²	4.20
Book Rental	6.00
School Supplies	6.00
Library Fee	1.50
Physical Education Fee	2.50
Student Union Fee	5.00
Student Association Fee ³	6.00
	\$277.20

¹Tuition for out-of-state students is 50 percent greater.

²This includes physical examination, ordinary medical service and hospitalization not to exceed a period of thirty days. It does not include surgery or treatment of the eyes or teeth.

³This money is used to finance extra-curricular activities, such as basketball, judging contest trips, speech contest trips and social events for the student body.

The above estimate does not include expenses for traveling, laundry, athletic events, incidentals, entertainment or clothing.

ROOM AND BOARD

All students are required to live in dormitories, provided by the college unless formally excused from the requirement by the dormitories committee upon request of their parents. In the past very few permissions to room outside the dormitories have been granted by this committee. Because of the acute housing situation, students should reserve rooms in advance. Reservations are automatically made when a student's application for enrollment is approved. Each dormitory room is furnished with two single

beds, mattresses, two straight chairs, two study tables, dresser with mirror and window shades. All rooms are steam heated. For this reason only a limited amount of bedding is needed. Preference as to roommates should be stated early, and will be considered as far as possible. Room rent is payable by the term, a ten percent discount being allowed for cash in advance.

The school provides a well equipped food service for its students. All enrollees are required to board in this school dining hall. All food is served on a non-profit basis and no increases in costs are ever made unless living expenses make the same necessary. Board is payable by the term in advance. No accounts can be carried. No refunds are given for unexcused absences.

CLASSIFICATION

Students who have earned a total of thirty credit hours of work are classified as juniors.

Students who have earned sixty credit hours are classified as seniors.

Students who have completed two or more years of high school training, including high school graduates, are classified as specials. Students who have completed option number one and returned for further study are also considered members of the special group.

GRADES AND CREDITS

A minimum of thirty-two clock hours of work per week will be required. This includes participation in physical training, music, debate, livestock or crops judging and similar training carried out under regular instructors.

The quality of work done by students is indicated by the following marks:

A, exceptionally high

B, superior

C, fair

D, passing (lowest passing mark)

F, failure. The students must repeat the subject in a regular class in order to get a passing mark.

Con. (Conditioned) is a temporary report indicating (a) that for some good reason be-

yond the student's control the essential work in a subject has not been completed, (b) that the work which has been completed was of passing grade, and that it is deemed advisable for the student to complete the subject in a satisfactory way without repeating it in a regular class.

ATTENDANCE

It is expected that students will be in attendance at every class period. Each student who has been absent from a class shall, upon a lapse of not more than two class periods after an absence has occurred, present an excuse from the director or his representative. Absences for which no legitimate excuse can be given shall be declared unexcused. One-half credit shall be deducted for each unexcused absence. Thus, six unexcused absences would equal a failure in any given three credit course. Unexcused absences occurring the day preceding any holiday shall be given double weight. Class attendance records are reported to the director of the school.

STUDENT EMPLOYMENT

An effort is made to provide work for the student who really needs it and is willing to apply himself. Applicants should remember that the School of Agriculture schedule of instruction is heavy and does not leave the average student much time for outside work. It is best not to plan for work provided, of course, that there is some other way open to the enrollee. No prospective student should come to school expecting to find work immediately unless he has been promised employment. Applications should be made to the director of the school.

STUDENT ACTIVITIES

The basketball team plays an important part in students activities. Equally important, however, are competitive events scheduled with other schools for speech contestants, crops and livestock judging teams. Furthermore, music, both vocal and instrumental, receives considerable attention. Competent instruction is provided for all students participating in these events. Scheduled trips take student groups to

points as far distant as Crookston and Saint Paul, Minnesota. A school bus is used for transportation purposes.

THE FACULTY

Although the School of Agriculture has a small faculty of its own, a high percentage of the work is carried on by staff members of the different departments of the college. Thus many specialists are in a position to serve our students. The entire Division of Agriculture staff is available for discussion and are always ready to give sympathetic attention to individual problems.

OPPORTUNITIES FOR GRADUATES

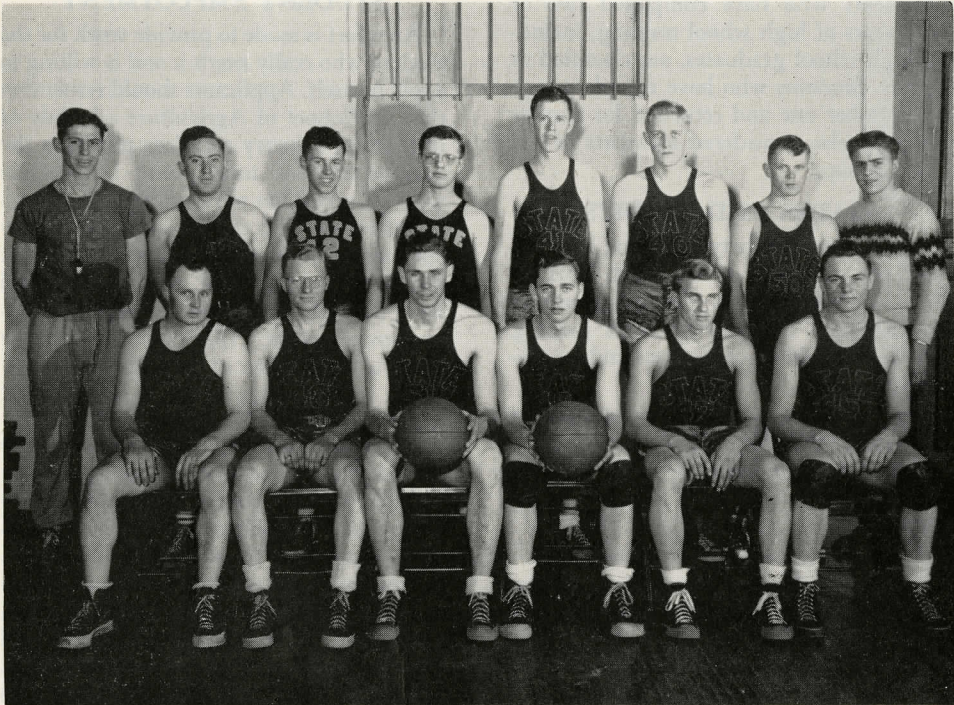
School of Agriculture students, perhaps in ninety percent of the cases, return to the farm or ranch or previous employer to better carry on agricultural activities. Many graduates develop very highly specialized types of farming and ranching such as breeders of purebred livestock, livestock dealers, pure

seed growers, nurserymen, commercial poultry growers and certain phases of the dairy business. Other worthy students find employment as farm or ranch foremen, herdsmen, dairy cow testers, and farm and ranch managers. Still others carry on with their shop work and become proficient welders and/or machinists. The work pursued after graduation depends largely upon the character of the student, his work while in school, his past experience, personality, abilities and ambitions.

WHAT TO BRING

Each student should provide two blankets, one mattress pad, one pillow with at least two pillow cases, two or more single sized bed sheets, two pajama suits, towels, comb, brushes, one tumbler, one teaspoon, bedroom slippers, dresser scarf and a clothes bag. Boys should provide curtains for dormitory windows which measure 80x45 inches.

Aggie Basketball Team—1949



Windows in the girls dormitories are somewhat smaller depending on room assignments. All students will need tennis or gymnasium shoes and gymnasium suits. Gymnasium suits may be readily secured after the student arrives on the campus.

BREAKAGE DEPOSIT

All students are required to pay a five dollar room deposit fee at the time of registration which is used as a guarantee against damage to dormitory property. This deposit must be maintained at all times, the unused part of which will be refunded approximately three weeks after school closes. Another deposit of two dollars is collected in connection with the use of lockers in the gymnasium. The unused part of this fee is also refundable at the end of each school year.

BOOK RENTAL

The school furnishes books to all of its enrollees at a cost of six dollars per school year. Students are privileged to buy any of their books at any time during the term or at the close of school.

STUDENT HEALTH SERVICE

In order to guard the health of the students a department of Student Health has been established at the college. This service is not only to take care of sick students but its larger purpose is to prevent illness and to teach students the principles of health maintenance. All students, upon registration, are required to pay a Health Service fee which entitles them to a physical examination, ordinary medical service and hospitalization for a period not to exceed thirty days. This service does not include surgery or treatment of the eyes or teeth.

CANCELLATION OF REGISTRATION FEES

Students withdrawing from school should obtain a withdrawal card from the director. Persons withdrawing without notification will be reported as having failed in their work for that term. No student who has been in attendance more than half the term shall receive any refund of college fees.

POSTAL FACILITIES

The college furnishes first class postal facilities. State College Station, Brookings, South Dakota, is a Federal post office, located in a college building. Mail is delivered at convenient times during the day, making it unnecessary for students to go to the city post office.

USE OF AUTOMOBILES BY STUDENTS

Experience has shown that the ownership or possession of an automobile by a student is usually detrimental to school work. For this reason the school recommends that students attending the School of Agriculture should not be furnished automobiles by their parents. Actually very few students have need for one.

RELIGIOUS WELFARE

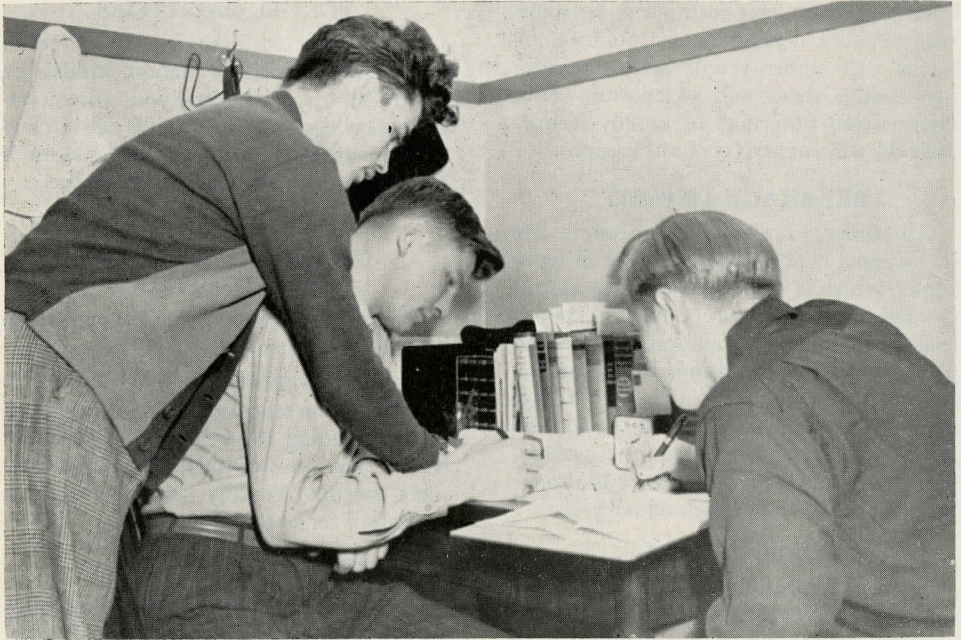
Churches located in the city of Brookings always extend a welcome hand to School of Agriculture students. Furthermore, many churches are located in Brookings and students will likely experience little difficulty in selecting the church of their preference or membership. Personal data cards concerning our students carry questions relative to each person's membership or preference. This information is available to local ministers to use in connection with their church activities.

DISMISSAL

Any student may be dismissed from the school for unwarranted conduct or failure to meet scholastic requirements. Disciplinary matters will be handled by the director and a committee on student conduct.

COURSES FOR MEN

The number of required subjects in all options is kept to a minimum in order that all students may have an opportunity to schedule work particularly valuable to them. At the time of registration enrollees have a chance to avail themselves of a counseling service designed to aid them in the selection of subjects best fitted to their needs.



Checking up on the homework

FRESHMEN YEAR

	Hours per week	One hour periods	Two hour periods	Credit
Required Subjects				
Agricultural Mathematics	3	3	0	5
English	5	5	0	8
Physical Training	2	2	0	2
Selective Subjects				
Animal Feeding	3	3	0	5
Agricultural Projects	2	2	0	2
Crop Production	3	3	0	5
Farm Buildings	4	0	2	3
Farm Carpentry	6	0	3	5
Fitting and Showing				
Livestock	2	0	1	1
Livestock Production	3	3	0	5
Instrumental Music	2	2	0	1
Seeds and Weeds	2	2	0	3
Soil Conservation	2	0	1	2
Voice	2	2	0	1

JUNIOR YEAR

	Hours per week	One hour periods	Two hour periods	Credit
Required Subjects				
English 2	5	5	0	8
Physical Training	2	2	0	2
United States Government ..	5	5	0	8
Selective Subjects				
Agricultural Law	2	2	0	3
Crop Judging	2	0	1	2

Farm Dairying	4	2	1	5
Farm Motors and Machinery	6	0	3	5
Fitting and Showing				
Livestock	2	0	1	1
Forage Crops and Pastures...	2	2	0	3
Market Types and Breeds	6	0	3	5
Instrumental Music	2	2	0	1
Practical Poultry Production	3	3	0	5
Soils	3	3	0	5
Typewriting	4	0	2	3
Voice	2	2	0	1

SENIOR YEAR

	Hours per week	One hour periods	Two hour periods	Credit
Required Subjects				
English 3	5	5	0	8
Physical Training	2	2	0	2
United States History	5	5	0	8
Selective Subjects				
Advanced Livestock Judging	4	0	2	3
Animal Diseases & Parasites	3	3	0	5
Arc and Acteylene Welding ..	4	0	2	3
Crop Improvement	2	2	0	3
Crop Judging	4	0	2	3
Farm Insects	3	3	0	5
Farm Meats	6	0	3	5
Farm and Ranch				
Management	3	3	0	5
Fitting and Showing				
Livestock	2	0	1	1

Livestock Breeding and Management	6	0	3	6
Instrumental Music	2	2	0	1
Rural Sociology	3	3	0	5
Voice	2	2	0	1

SPECIAL COURSES

Chemistry	5	5	0	8
Elementary Algebra	5	5	0	8
English 4	5	5	0	8

COURSES FOR GIRLS

The object of this program of work is to offer the girls in the School of Agriculture an opportunity to study some of the problems relating to living. An effort is made to adjust the different studies to the desires and needs of the students.

FRESHMEN YEAR

	<i>Hours per week</i>	<i>One hour periods</i>	<i>Two hour periods</i>	<i>Credit</i>
Required Subjects				
English 1	5	5	0	8
Home Accounting	3	3	0	5
Physical Training	2	2	0	2
Elective Subjects				
Clothing 1	6	0	3	5
Foods and Nutrition	6	0	3	5
Instrumental Music	2	2	0	1
Voice	2	2	0	1
Textiles and Laundry	6	0	3	5
Typewriting	6	0	3	5

JUNIOR YEAR

	<i>Hours per week</i>	<i>One hour periods</i>	<i>Two hour periods</i>	<i>Credit</i>
Required Subjects				
English 2	5	5	0	8
Physical Training	2	2	0	2
United States Government	3	3	0	5
Elective Subjects				
Business Law	3	3	0	5
Clothing 2	6	0	3	5
Consumer Problems	2	2	0	3
Dietetics and Home Nursing	6	0	3	5
Home Management	3	3	0	5
Instrumental Music	2	2	0	1
Voice	2	2	0	1
Practical Poultry Production	3	3	0	5

SENIOR YEAR

	<i>Hours per week</i>	<i>One hour periods</i>	<i>Two hour periods</i>	<i>Credit</i>
Required Subjects				
English 3	3	3	0	5
Physical Training	2	2	0	2
United States History	3	3	0	5
Elective Subjects				
Chemistry	5	5	0	9
Clothing 3	6	0	3	5
Home Grounds and Vegetable Gardens	3	3	0	5
Instrumental Music	2	2	0	1
Voice	2	2	0	1
Personal Problems	3	3	0	5
Rural Sociology	3	3	0	5
Selection and Care of Meats	4	0	2	3

Description of Courses

The following brief statements will inform the reader as to what is taught in the various courses contained in the School of Agriculture program of work.

AGRICULTURAL ECONOMICS

Farm and Ranch Management: This is a study of how the farm or ranch can be most profitably organized and operated, giving attention to developing the place as a home. Acquiring a farm or ranch, combining the various crop and livestock enterprises, and the application of knowledge and skill to give the greatest income is considered. Outlook material, with special emphasis on how it can be used to increase income is given attention.

AGRICULTURAL ENGINEERING

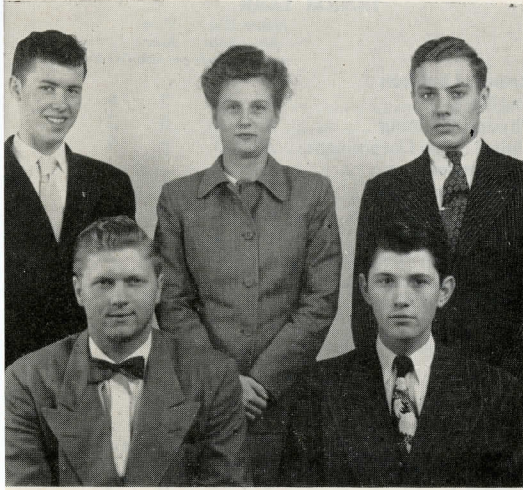
Arc and Acetylene Welding: A basic study of electric and acetylene welding. Flame cutting, hard surfacing and applications of these processes are included. Laboratory fee \$6.00.

Farm Carpentry: Attention is given to the fundamental tool processes of measuring, sawing and

planing. Major activities include the following: selecting kinds and grades of lumber for a job, measuring and marking wood, cutting common rafters, planing and smoothing wood and the construction of appliances useful on the farm.

Farm Motors and Machinery: This course specializes in the study of farm tractors, trucks, cars, and electric motors, attention being given to the principles of ignition, carburetion, lubrication and cooling. Special motors such as the two cycle, Diesel and Hesselman motors are studied briefly. Another phase of the course deals with the study of basic farm machinery such as combines, plows, mowers and binders. Stress is placed on implement adjustments and repair costs.

Farm Buildings: This course includes the study of different farm buildings, floor arrangements, comparative costs, bracings, framings, roof pitches, and ventilation systems. It also includes lettering and



Debate Squad

elements of drawing needed in carpentry. A part of the time will be given to water supply, concrete work and rural electrification problems. Building materials, equipment and the location of buildings on the farm and ranch will also be considered.

Soil Conservation: A semi-problem course dealing with erosion of the soil, rainfall penetration, contouring, water spreading, stubble mulching and various principles which aid in the correct handling of the soil.

AGRONOMY AND SOILS

Crop Improvement: This is a general survey of forage and cereal crop breeding and improving by breeding and selection, with emphasis on earlier and later methods utilized by plant breeders and their application to principles of inheritance of characters of economic importance; such as, disease resistance, insect resistance, drought and heat resistance, quality and yield.

Crop Judging: Seed and sheaf judging of cereal, legumes, grass and other crops.

Crop Production: Fundamental practices and principles of crop production, crop distribution, growth process, response to environment. Study of grain and forage crops, including their distribution, use, improvement, growth, harvesting, marketing.

Forage Crops and Pastures: A study of grains, grasses, legumes and other plants; also their uses as hay, pasture silage and green manures. Correct pasture management including a study of grazing value, poisonous plants, natural and artificial reseeding, deferred and rotational grazing and grazing capacity of pasture plants is considered.

Seeds and Weeds: Seed inspection, certification, production of foundation seed stocks. Identification of weed plants and seeds; their economic importance, distribution, how spread, control and weed laws.

Soils: An elementary course which considers the origin, development, physical properties, fertility and management of soils.

ANIMAL AND DAIRY HUSBANDRY

Animal Diseases and Parasites: A study of infectious and noninfectious diseases and other ailments of livestock. Basic principles and facts about controlling the diseases and parasites are considered. Students are given information which helps them to become proficient in detecting the symptoms of such common diseases as anthrax, blackleg, contagious abortion, hemorrhagic septicemia and lumpy jaw.

Advanced Livestock Judging: This is a course which deals with the selection of correct typed breeding and feeding animals. Rings of beef cattle, swine, sheep and dairy cattle are placed on the basis of merit, reasons being given for the various placings. Students are privileged to work on the college livestock as well as animals from the flocks and herds of outstanding breeders within driving distance of Brookings. The four or five high ranking students in this course, represent the school at the subcollegiate judging contests held annually at Crookston, Minnesota.

Animal Feeding: This is a course in practical livestock feeding. Included is a study of composition, properties, and use of common feeding stuffs; more especially those produced in the Midwest. Considerable time is spent in studying information yielded by different experiments relative to the effective feeding of beef cattle, dairy cattle, horses, sheep and swine.

Farm Dairying: This is a study of dairy breeds, including the importance of individuals within the breed and testing for production. The dairy sire, the dairy calf, the dairy heifer, the dairy cow, and the dairy problems connected with their care and management are included. Attention is given to the study of breeding, feeding and housing dairy cattle; also, the production, curing and storing of feeds adapted to dairy farming.

Farm Meats: The killing and dressing of hogs, cattle, calves and sheep and the cutting of their respective carcasses into wholesale and retail or household cuts comprises a major part of the laboratory work in this course.

Fitting and Showing Livestock: Students who prepare and show animals at State College's annual Little International are considered enrolled in this course.

Livestock Breeding and Management: This course includes instruction in the science of animal

breeding and its application to the practice of breeding farm animals. For the most part it is an introduction to the subject of animal breeding, such points as selection, inbreeding, fertility and artificial insemination receiving attention. The management phase of this course, includes feed lot problems, marketing, purebred management and the business management of livestock production.

Livestock Production: A basic course, general in nature, covering points connected with feeding, breeding, management and judging of livestock.

Market Types and Breeds: Emphasis is placed on correct market types together with a knowledge of type, characteristics, properties and adaptability of various breeds of livestock. Leading breeds of swine, beef cattle, sheep and horses, are studied from the standpoint of origin and history, modern type, successful blood lines within the breed as well as successful ideas and principles advanced by outstanding breeders of the past. Stress is placed on adaptability to South Dakota conditions.

BUSINESS

Agricultural Law: This course is based on 275 topics covering all, or at least most, of the legal situations a farmer or rancher is apt to meet. For example, laws relating to liens for threshing, trespass of animals, fences, drainage, commercial feeds, sale of fertilizers, and employment of farm youth, are considered.

Typewriting: Individual instruction is given in the use of the machine. Graded exercises are used to learn the touch system of typewriting. Care of the machine; some correspondence and various forms; mimeographing.

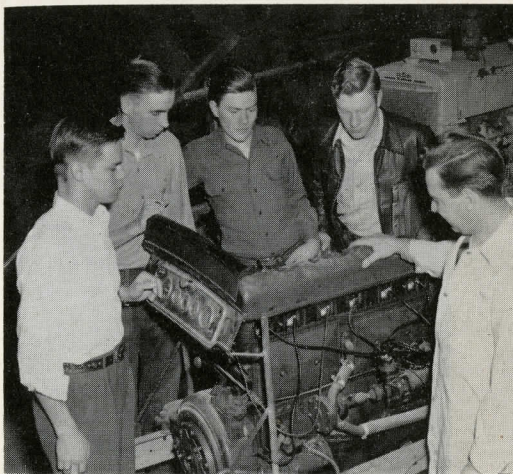
ECONOMIC ENTOMOLOGY

Farm Insects: In this course the student receives instruction regarding the important insect pests of the farm, ranch, garden and orchard. The life cycle of cutworms, wire worms, grasshoppers, blister beetles, army worms, tree borers, plant lice, biting and sucking lice of animals, mites and other important pests will be studied. Control measures will be considered and equipment for applying baits, dust or sprays will be studied.

ENGLISH AND PUBLIC SPEAKING

English 1: In this course, as well as in other English courses, emphasis is placed on correct oral and written expression. Functional grammar, punctuation and library instruction are included. Practice in parliamentary procedure is given.

English 2: Review of functional grammar. Letter writing and other forms of social and business communication are practiced. The reading of books that reveal American and English life is supplemented by the reading of magazines and papers. Further work in parliamentary procedures is emphasized.



Farm Motors

English 3: First emphasis is placed on remedial work in grammar, punctuation and the mechanics of English. American authors, current newspapers and magazines are studied. Stress is placed on public speaking including formal and informal debate; also the technique of round table discussions.

English 4: Advanced work in grammar, good usage, variety in diction and punctuation. Some time is spent in studying English literature. Further consideration is given oral expression through debate, round table discussions and platform projects of various types.

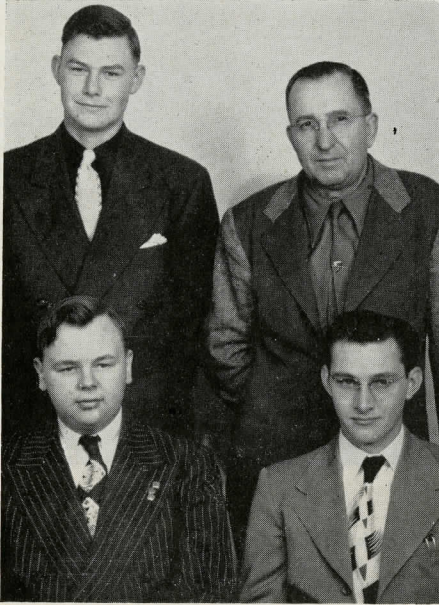
HOME ECONOMICS

Consumer Problems: The wise buying of every day necessities; a study of retail marketing, advertising, brands and standards; and government aids that protect consumers.

Dietetics and Home Nursing: Here is a course that includes a study of body needs; composition of foods and the planning of diets for different ages and occupations; personal hygiene and the structure and function of the body; prevention and care of communicable disease; home care of the sick, including preparation and serving of meals; and first aid.

Food and Nutrition: This is primarily a laboratory course in food preparation and science underlying it, food preservation with the canning of fruit, vegetables and meat. Meal planning, preparation and service are also studied in this unit.

Home Accounting: A study of problems concerning the business management of the farm home, mathematics useful in measuring circular and cylindrical objects and areas, graphs, and everyday business problems connected with what we produce and consume make up this unit.



Crops Judging Team—1949

Home Management: This course deals with home-making. The management of time and energy in relation to housing the family, equipping and furnishing the home, feeding and clothing the family, health of the family, the social and recreational life of the family, and the management of the income are problems covered in this course.

Selection and Care of Meats. Intensive study is given to identification and the particular uses of retail and wholesale cuts of meat. Tenderness, quality, palatability and the detection of good and poor quality is studied. Also included are cutting of carcasses and cuts, curing, smoking, canning, sausage making, lard rendering, and soap making.

Clothing 1: Selection and care of clothing, use and care of sewing machine, cutting of simple garments, pattern alteration, making simple garments and developing high standards of construction are emphasized.

Clothing 2: A study of the clothing budget and the making of children's garments and simple tailoring are units included in this course.

Clothing 3: A study of costume and design and the construction of wool and silk garments are certain parts of this work.

Personal Problems: This is a course dealing with personal problems that the various students may have.

Textiles and Laundry: A study of raw materials through construction, identification, use and care of fabrics with simple experiments, including care of laundry, use of soaps, washing powders, softening of water, and removal of stains, makes this a useful unit.

HORTICULTURE

Home Grounds and Vegetable Gardens: Selecting the land for the home garden, procuring seeds and plants, fertilizing and preparing the land, cultivating the garden, brief cultural directions for garden crops are considered first. Beautifying the home grounds, making the plans, procuring the plants and seeds for ornamental plantings, and caring for the plants are also included.

MATHEMATICS

Agricultural Mathematics: Consideration is given to ratio and proportion, practical land measurement, measurement of direction, volume, area and principles of material and construction measurements. Problems arising in connection with dairying, the feeding of farm animals, soil fertility, farm power and mechanics, graphs and business management of the farm are other interesting parts.

Elementary Algebra: The foundation and practical application of algebra is given and includes the study of symbols used in mathematics, the formula, simple equations, exercises and problems involving positive and negative numbers.

MUSIC

Instruction is provided in voice, band and other instruments. Private lessons in piano are available on the basis of eighteen dollars per term, one lesson being given each week. Individual lessons in violin, wind instruments and organ, may be secured on the same term basis at the cost of twenty-five dollars.

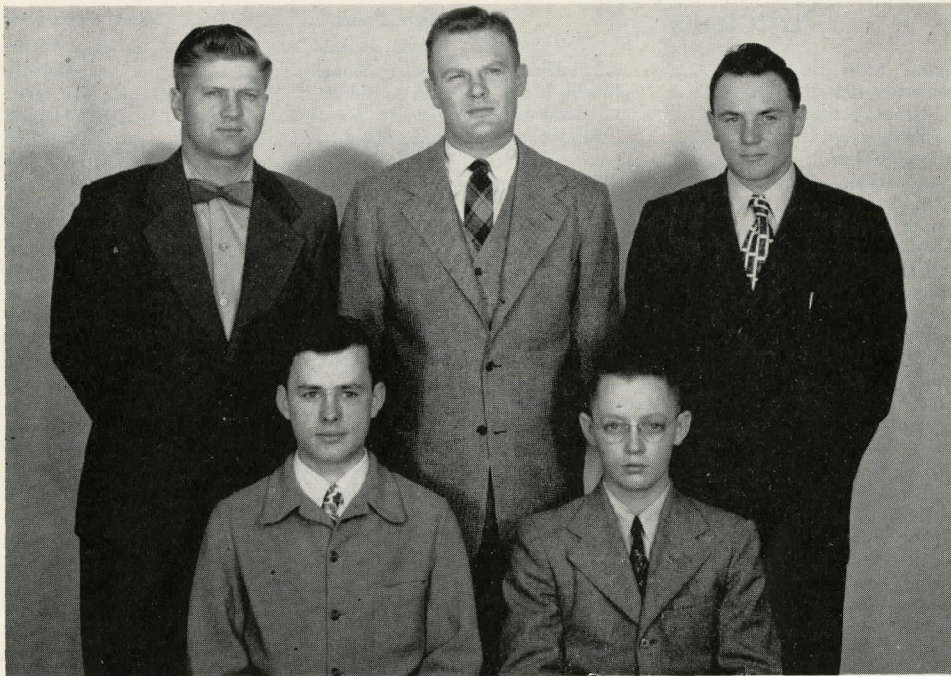
PHYSICAL EDUCATION

The school is definitely interested in keeping its students physically fit. In this connection, students receive one hour of training twice each week. For the men this instruction includes such exercises as push ups, squat jumps, sit ups, pull ups, pick-a-backs, squat thrusts, and 300 yard shuttles. This course is not required of veterans.

Courses for women include games, folk dancing, clogging and the development of rhythm as a translation of musical construction and note values into bodily movements.

POULTRY HUSBANDRY

Practical Poultry Production: Principles and practices of incubation, breeding and rearing of chickens are studied. Included are feeding, housing, disease control, and management. Also culling and selection of breeders, caponizing, care and management of laying hens, are given along with poultry and egg marketing.



Livestock Judging Team—1949

SCIENCE

Chemistry: This course includes the study of elements, compounds, mixtures, alloys, molecules, formulas and symbols. The chemical properties of substances and the conditions under which they react will be studied. Chemical reactions of substances important to agriculture will be given special study in this course.

United States History: A course which stresses the industrial and economic development of the United States. Furthermore, it includes American culture in the broadest sense.

United States Government: A consideration of national, state and local governments.

Rural Sociology: Rural life under modern conditions; changes within the various rural social institutions, neighborhoods, communities, and special interest groups along with the impact of mechanization and industrialization on rural life make this unit interesting. Stress is placed on South Dakota conditions, problems and possibilities.

AGRICULTURAL PROJECTS

It is urged that students put into practice on the farm or ranch, things learned in the classroom and laboratory. From three to six credits will be granted towards graduation depending on the quantity and quality of work; also educational advancement

made. The six types of projects are classified as follows:

Livestock Improvement: This is a continuation production project conducted on an animal breeding basis. It may include swine, sheep, beef, dairy, horses or poultry.

Crop Improvement: This one may consist of production enterprises such as grasses, sorghums wheat, rye, legumes, flax, barley, oats, or any other adapted crop.

Fattening Project: A third kind of production which may include the fattening of swine, sheep or beef animals.

Farm or Ranch Betterment Project: A farm or ranch betterment project is one which increases the real estate value of the farms or ranches, or makes them a better, more desirable place on which to live.

Supplementary Farm or Ranch Practices: The object of this project is to develop fundamental skills used in connection with agricultural situations. Examples: Shearing sheep, fitting animals for show, butchering hogs, caponizing cockerels, judging livestock and sterilizing milking utensils.

Community Social Improvement: Activities included in this class of work tend to improve living conditions in any given community. Examples: Leader of a 4-H club, member of an agricultural forum group, leadership in church organizations, chorus member, and other.

Directory

Aasby, Ardis Holabird
 Anderson, Leland Goldfield, Iowa
 Anderson, Selmer Cresbard
 Ashdown, Carl Highmore
 Ausland, Orin Lily
 Bapp, Arvid White Rock
 Bapp, Stanley White Rock
 Barber, Neal Wessington Springs
 Bawdon, Richard Ree Heights
 Bell, Gene Doland
 Berry, Alvin 717 S. 4th Avenue, Sioux Falls
 Beastron, William Highmore
 Bonhorst, Paul Midland
 Bouzek, Eugene Highmore
 Borgedalen, Dean Sisseton
 Brady, Allen 209 E. Locust St., Maquoketa, Iowa
 Bunte, Donald Rock Rapids
 Burckhard, Frank Bison
 Carlson, Kenneth Mound City
 Cashman, Ira Wessington Springs
 Chapman, Edward Bison
 Charles, Robert Winfred
 Christensen, Keith Revillo
 Cook, Dave Flandreau
 Counts, Lee Wanamaker
 Cowin, John Highmore
 Cuppy, Howard Wessington Springs

Davie, Frank E. R. 1, Sioux Falls
 Diehm, Donald Presho
 Dryden, Donald Oelrichs
 Esmay, Eldon Van Metre
 Fawcett, Wayne Ree Heights
 Fink, Harold Zell
 Fink, Stanley Zell
 Freiberg, Pat Plainview
 Fuhs, Robert Elkton
 Fuoss, Floyd Draper
 Gardner, Edwin Hammond, Montana
 Gauger, Myron Clear Lake
 Giese, Donald Summit
 Gleason, Dennis 657 Illinois NW, Huron
 Gunderson, Merrill Wessington Springs
 Haan, Jerold Watertown
 Ham, Ross Piedmont
 Hanks, Robert Alpena
 Hansen, Dallas Coleridge, Nebraska
 Hemminger, Howard Highmore
 Henrichsen, Therlo Butler
 Ingalls, Hugh Opal
 Iverson, Dale Van Metre
 Jensen, Clyde Colman
 Jurisch, Marlow E. Scenic
 Kari, Teddy Strool
 Kittelson, Gilbert Henry
 Knigge, Willis Wessington Springs
 Knight, Darrell Gann Valley



Knight, Roger	Gann Valley	Roesch, Donald	Roscoe
Knippling, Donald J.	Gann Valley	Roth, Dale	Farmer
Koeppel, Myron E.	Claire City	Salmen, Wayne L.	Wessington Springs
Kriesel, Lyle	Summit	Schaeffer, Lawrence	Timber Lake
Larimore, William	Colman	Schmeling, Arlyn	Watertown
Leddy, Arlo	Twin Brooks	Schultz, Donald	Amiret
Littau, Donald	Gregory	Schultz, Herluf	Lake City
Long, Clarence	Belle Fourche	Schwandt, Robert C.	Watertown
Louder, Dwight	Draper	Seeman, Duane	Huron
Lovitt, Clyde	Madison	Seidler, Terre G.	Kadoka
Lucke, Kenneth	Doland	Sihrer, Delbert	Zell
McKinstry, Donald	Bison	Sip, Emil	Geddes
Maulis, Joe	Witten	Stanga, Carol	Canistota
Mentzel, Richard	Huron	Steinbeck, Tom	Perry Creek Road, Box 165, Sioux City, Iowa
Mitchell, Milton	Saint Onge	Stewart, Roger	Norbeck
Mosher, Stanley	Highmore	Strohfus, Richard	Hazel
Noeldner, Orville	South Shore	Thomas, George	Huron
Nordin, Carl	Van Metre	Thompson, Thomas W.	Wessington Springs
Olesen, Francis	Hayes	Vik, Raymond	Draper
Olsen, Lawrence	Castlewood	Vojta, Norman	Mound City
Olson, Oren	Willow Lake	Wall, John O.	Dupree
Perkins, Albert	Miller	Weaver, Albert	Bison
Perkins, Raymond	Miller	Wells, Larry	White Lake
Peterson, Jerry	Conde	Wenzel, Darrell D.	Wessington Springs
Peterson, Sherrill	Wolsey	Wheatley, Harvey	Watertown
Preheim, Charles	Freeman	Whiting, Orvin	Milbank
Pribble, Wayne	Whitewood	Willman, Maynard	Wessington Springs
Rave, Bertus	Trent	Wilson, Ernest	Bison
Rave, Earl	Trent	Wilson, Robert G.	Highmore
Rainy, Marvin J.	Wessington Springs	Wilson, Wendell	Belle Fourche
Ring, Lawrence	Norris	Younie, Jerry	Wessington Springs

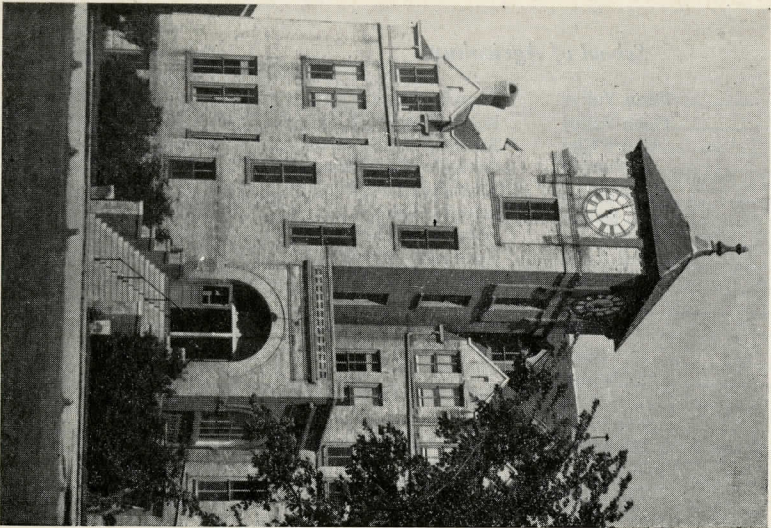
Dormitory Life



South Dakota State College
of Agriculture and Mechanic Arts

Bulletin

Brookings, South Dakota



Entered as
Second Class
Matter